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SUPERINTENDENT'S MONTHLY REPORT

1931

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns NATIONAL PARK

FILE NO.

MARCH
MONTHLY REPORT
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J. R. Eakin, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 0—7410

Great Smoky Mountains National Park,
Maryville, Tenn.

April 8, 1941.

To The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of March 1941. In some respects this report is not as complete as it should be but we hope to do better in the future. In other respects there is perhaps more detail than is ordinarily desired, but as the political, publicity and contact angles are unusually important at this particular time it is believed some of this detail will be found of interest.

000 GENERAL:

010 Matters of Importance:

Work in the office is seriously handicapped by large numbers of people who desire work in the park. A sincere effort is being made to make friends in the park and nearby and they are not hurried in their talks with me. It is explained that until the park is a going concern very little work can be offered and for the few jobs going we must in fairness give preference to those living within the park. Unemployment is rather acute and labor therefore plentiful.

020 General Weather Conditions:

The precipitation for March in both Tennessee and North Carolina was above normal, but total for January, February and March is below normal.

021 In the Park:

There is not yet a weather observer in the park. The precipitation in Knoxville for March was .98 inches above normal but total for the year is below normal. Generally speaking the precipitation in the park is considerably in excess of that at Knoxville.

All sorts of weather were experienced in the park. There were some clear days the first part of March but the greater part of the month was very wet which completely removed the fire hazard. There were light snows on March 4, 8 and 9. The first thunder storm occurred on March 27. On this date it rained 1.09 inches in Knoxville and no doubt considerably more in the park. Unusually heavy rains continued until the end of the month.

130 Finance and accounts:

		Expended and Obligated	Unexpended Balance
40/1420	$29,700.00	$13,323.76*	$16,376.24
41/2450	29,700.00	00	29,700.00
41/2406	7,500.00	00	7,500.00

* Includes $156.75 expended for Fighting Forest Fires.

140 Labor situation:

See 010 above.

150 Equipment and supplies:

During the month some emergency orders of fire tools were received. Very few of the fire tools ordered through the General Supply Division in January have been received. No major equipment was ordered.

160 Status of alienated lands:

Probably the most noteworthy change in land status in the Park area in March was the purchase of the Cherokee Orchard property by the Tennessee Commission.

200 MAINTENANCE, IMPROVEMENT AND NEW CONSTRUCTION:

220 Improvements:

On wet days the Gatlinburg patrolmen brushed out a trail over the Sugarlands mountain from the Sugarlands settlement to the head waters of the East Prong of Little River. This is a horse trail and is now opened up, which was very badly grown up to briers.

230 New Construction:

On March 2[illegible], accompanied by Assistant Chief Ranger Beetham I went over location of Cherokee- Rockmount road to be built by Federal aid, about which there had been some local criticism and reported to the Service by letter that in my opinion the location is satisfactory. The location of the road through Floyd Bottoms was given particular attention. In my opinion the location through these bottoms is just where our engineers would place it. The matter was fully discussed with the State Resident Engineer at Rockmount and highway designs were gone over carefully.

240 Improvement of approaches to Park:

On March 9 I discussed location of Maryville- Cades Cove road with Resident Engineer of the State Highway Commission. The proposed location to the park line was about completed and within two months office work would be finished and contract could be awarded. I informed him of my ideas of a tentative connection with the road to be built in the Park but stated we could not make a definite location until

fall and urged that construction of approach road be deferred until next year. He advised this could be done.

260 Landscape work:

Since January 1st, 29 old buildings on 15 tracts have been destroyed and the premises cleaned up in North Carolina. About the same number have been destroyed in Tennessee.

300 ACTIVITIES [illegible]:

320 Cooperating governmental agencies:

On the afternoon of March 24 I visited the Cherokee Indian Reservation and had an interesting talk with Superintendent Paige. I was much impressed by him and found his ideas were very sound, at least they agreed with mine. He objects to the location of the highway at Cherokee and the Service should sustain his objection. This was made the subject of a letter to the Service. I am sure there will be splendid cooperation between the park and the reservation. He is very much interested in the cooperative construction of a lookout tower and telephone line on Burnett Knob which is on the reservation about 2 miles from the park line.

Superintendent Paige stated the lands in the North Cove along Raven Fork and Straight Fork of Oconaluftee River were worthless to the Indians and that he desired to move the few Indians living in this section nearer to Cherokee; that he believed the park lands near Cherokee which it is proposed to be traded to the Cherokee Reservation would practically pay for the North Cove Section. If such an exchange were possible the Indians would secure some fine farm lands and we would secure a much greater acreage of rough lands that are particularly suited for park purposes. Among other things the park would control all of Straight Fork and all of Raven Fork above its junction with Straight Fork. By protecting and restocking, these could be made two of the finest trout streams in the country. The bottom lands which it is proposed to trade for the North Cove are now in condemnation suit. As soon as they are acquired I will work out the details of a trade that will be satisfactory to the Park Service and the Indian Service. Two seemingly intelligent and educated Indians advised me the Tribal Council would approve the exchange. The North Carolina Park Commission has appraised Indian lands in the North Cove section and believes the proposed trade is equitable.

On March 27 I conferred with Supervisor Patton, Pisgah National Forest concerning fire and protective organization of his forest and restocking the park with native wild life. It developed his game reserve of 100,000 acres has a deer herd of 3,000 and the surplus deer can be used in restocking the park. He stated supplying the park with deer would no doubt defer opening of the reserve to limited hunting as parts of the reserve are now overgrazed. Grazing of domestic stock in the reserve is not permitted.

330 Cooperating non-governmental agencies:

Several conferences were held with Colonel Chapman concerning leases, acquisitions of additional properties, etc.

On the 26th Asst. Chief Ranger Hough collected a number of bright red spiders in Greenbriar Cove, which on the following day were mailed to the State

Entomologist at Knoxville, Tennessee with a request for a cyanide bottle, which the incumbent had previously suggested that he supply.

On March 26 I had luncheon with Thomas L. Seawell, Editor, Maysville Mountaineer, at Maysville, N. C. and met a number of local people. After luncheon I proceeded to Asheville and conferred with Mr. Verne Rhoades, Executive Secretary, North Carolina Great Smoky Mountains Park Commission. Mr. Rhoades stated all lands in the park in North Carolina had been acquired or were under condemnation.

On March 27 I conferred with J. B. Stikeleather, State Highway Commissioner, at Asheville, concerning construction of roads in the park and approach roads. He is a very able and personable man but entirely too optimistic concerning early completion of roads in the park now under construction and roads in the park and approach roads about to be placed under contract. Our last note he now states the Smokemont- Newfound Gap road will be completed September 1. His engineers state they must have an additional power shovel if they are to complete this road by late fall. Engineers, as a rule, are too optimistic, and our own guess is that this road will not be completed until next year.

Mr. Stikeleather complained that rigid requirements of the Bureau of Public roads would increase the cost of Smokemont- Newfound Gap road about $40,000. He particularly mentioned that the Bureau had requested that a reverse curve be eliminated. I suggested in a letter to the Service that it may be the Bureau requirements are too rigid for this rough country as it is much older geologically than the mountains of the East and is therefore cut up by many more gullies and the points between the gullies are rounder. To secure good alignment along our mountain sides will require tremendous cuts and fills, and make a terrible scar. Curves can be held to a minimum radius of 50 or 60 feet without greatly scarring the land but there will be few tangents of any length and occasionally a reverse curve must be used.

Definite plans for rebuilding the road along the park boundary from Devils Gap to Bryson City have not been announced and apparently this work is not contemplated for this year, at least. North Carolina is building a connection from Tapoco to Highway No. 10, upon completion of which the drive from Maryville to Bryson City may be made in a short half day. It is said this connection will be completed in two months. The present road from Devils Gap to Bryson City is not surfaced and is dangerous in wet weather.

Slow progress is being made on the new road to Cades Cove via Cosby Cove and in rebuilding the present Cosby- Mt. Sterling road. This slow progress is more than satisfactory to the park as these two projects should not have been undertaken, for the present, at least.

350 Donations and Accessions of all kinds:

Mr. George Myers of Cades Cove turned over a couple of objects of museum interest. One was a hand warping tool, used in the weaving art. Miss Allen of the Pi Phi Settlement School says it is the first one of its kind discovered in the Smokies, and therefore of particular interest in that line. The other object was a section about four feet long of the trace or tug line of a set of harness made completely of tightly twisted corn shucks. It is all that remains of the set which was made and used in Cades Cove over 50 years ago. The set originally consisted of collar, reins, and this tug-line.

400 FLORA, FAUNA, AND NATURAL CONDITIONS:

420 Museum service:

On March 30 Asst. Chief Ranger Hough drove to Maryville, taking a load of objects he had collected to the Federal Building for greater safety. A list of these articles was left at the Superintendent's office.

460 Birds:

A number of the migratory birds have made their spring appearance this month, including the robin, gold finch, song sparrow, chipping sparrow, grackle, meadow lark, jenny wren and flicker. The first starling of record was seen in the Park area just a few days ago. There was no mistake in its identification.

Our regular winter birds have been the cardinal red bird, the tufted titmouse, snow bird or bunting, chickadee, mocking bird, nuthatch and English sparrow.

Mr. Brockway Crouch, a Knoxville florist and park and bird lover advised Mr. Hough where there was the nest of a duck-hawk or falcon, and had been for four years. The egg of this bird is said to be the third rarest found in the United States. The parent birds are now using this same place and no doubt will nest again in this year.

500 USE OF PARK FACILITIES BY THE PUBLIC:

510 Increase or decrease in travel:

There has been a marked increase this month in the number of people visiting the Park area.

600 PROTECTION:

620 Fire protection:

On the Tennessee side during March Asst. Chief Ranger Hough reports that he put to work a force of seven patrolmen and one lookout. These will continue on duty until about the middle of May, when the season of greatest fire hazard should end. There were four fires in his district but very little damage was done.

On the North Carolina side Asst. Chief Ranger Needham reports that the fire prevention organization was enlarged during the month and 8 patrolmen were placed on duty on a monthly basis at $70 per month on the major watersheds of this division. Under a cooperative arrangement 4 of these are being paid by the State and four by the National Park Service. While a complete force would contain 10 patrolmen, owing to favorable weather conditions men have not been placed on duty in the Deep Creek and Smokemont districts to date. These patrolmen are supplemented by 6 district wardens who are paid only when they fight fires. The National Park Service is bearing all the cost of suppression of fires in the park area.

Early in February, due to the political situation and bankrupt condition of [illegible]in County, it withdrew cooperation with the State in the suppression of fires under the Clark-McNary act and no funds except Park Service funds are now available for suppression work in the County. However, three District wardens of the County organization who live at strategic points on the park boundary, were authorized to remain on duty and suppress only fires in the park or threatening it, the cost of this to be covered by the National Park Service.

There has been a considerable reduction in the number of fires during the month of March as compared with February. This was due both to favorable weather conditions and an increased organization with more complete equipment. During the month we had only 7 fires the total cost of suppression of which was $38.35. These fires burned a total of 72 acres of park lands, 36 acres of private lands inside the park and 337 acres outside the park but adjacent to it. Under the present arrangements, we do not fight a fire outside the park until it actually threatens it.

On the whole, we have found the park residents willing and anxious to cooperate in keeping down fires. This is witnessed in the case of Big Cataloochee, one of the most thickly populated watersheds where we have most of the land and did not have a single fire during the month. Conditions are not so satisfactory in the Cosby-Gatlinburg-Pigeon Forge area for the reason that most of the residents are still occupying private land and not under our control. Contact has been made with as many of these people as possible and most. Chief Ranger Needham advises that he is now acquainted with most of them and has preached the gospel of fire prevention at every opportunity and has told them they will fare the best where we have the fewest fires. For the reason that only two leases have been issued on this side, we have adopted the policy of not paying park residents for fighting fires on the tracts of land which they occupy or which threaten them. On other fires they are paid 20¢ per hour. This is in line with the policy of the State in this locality.

900 [illegible]:

I left Washington on March 1 for my field station, Maryville, Tennessee. The drive required 2 days arriving at Knoxville March 2 in the late evening. En route I visited the proposed Shenandoah National Park, Natural Bridge and made a side trip to contact with Mr. Paul Fink, Jonesboro, Tennessee, a great friend of the park and a recognized authority on the Great Smokies. I remained at Maryville March 3 and 4, had several discussions with Colonel David C. Chapman, Chairman, Tennessee Great Smoky Mountains Park Commission and contacted with Federal, State and County officers. Without exception I found all were greatly interested in the establishment of the park and very desirous to be of service in any way.

On March 5 I attended a Kiwanis luncheon at Maryville and made a short talk.

On March 10 I rented a house in Maryville. It was necessary to purchase considerable equipment from my personal funds such as electric stove, water heater, etc. Telephone service at my own expense was also installed. We are now very comfortably housed.

During the month Asst. Chief Ranger Needham advises that he contacted with the following on park business,-- Verne Rhoades, N. C. Park Commission, [illegible]. K. Beichler, N. C. District Forestor, [illegible]. A. Mattoon, Supervisor, Pisgah National Forest, J. C. Stikeleather, N. C. Highway Commissioner, and George Masa, all of Asheville, all of the officials of Swain County and Charles Brenton, Federal Prohibition Agent for Western North Carolina. In the matter of cooperation in fire suppression he has contacted with officials of the Champion Fibre, Suncrest and Davensford Lumber Companies and others too numerous to mention.

During the first week of the month one Thomas Jones began serving a sentence of 1[illegible] months in Atlanta Prison, being convicted on the charge of manufacturing whiskey. [illegible] Hugh asked the N. C. Commissioner at Waynesville if he was sent to Atlanta because the offence was committed on Park land, and he replied that "it undoubtedly had something to do with it". This man last year had a lease on park property near Gatlinburg. Since his departure the [illegible] he occupied has been sold and removed from the park.

All surrounding communities with the exception of Bryson City, while expressing the hope that certain roads will be built in the park and permanent park headquarters will be located nearby seem willing to leave such matters to Service experts. Prominent citizens of Bryson City are loudly insistent that a highway along Big Smoky from Newfound Gap to Deals Gap be built. They also state that park headquarters must be located at Bryson City. As far as I am personally concerned, such action decreases my interest in their particular wants.

Very truly yours,

J. R. Eakin,
Superintendent.

JRE/R

10-23
(May, 1920)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns NATIONAL PARK

FILE NO. 207-002.3

APRIL
MONTHLY REPORT

J.R. Eakin, Superintendent

IMPORTANT

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1930 0—7410

May 6, 1931.

To The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for Proposed Great Smoky Mountains National Park for the month of April.

000 General

010 Matters of unusual importance

The outstanding event of the month, or for that matter since the inception of the park was the compromise agreement reached by representatives of the Tennessee and North Carolina Great Smoky Mountains Park Commissions and The Champion Fibre Company, that assures early title to 92,000 acres, the very heart of the park. This tract contains the largest virgin hardwood stand and the largest body of red spruce in the country. This assures the early acquisition of the remaining land.

Old timers state vegetation is one month behind its normal stage of growth.

020 General weather conditions

021 In the park

Fragmentary weather statistics were obtained from an observer at Elkmont. The minimum was 15 on April 2. The maximum was 79 on April 17. The total precipitation was 3.43 inches and the greatest rainfall in 24 hours was 2.00 inches on April 5. On April 2 in making a trip to Newfound Gap I discovered a car stalled in a snow drift. The occupants had walked to Gatlinburg. There were 8 inches of new snow on the higher reaches of the road but none in the lower valleys.

023 In the approaches to the park

Weather conditions were approximately the same as above.

100 Administrative

110 Status of work

All work is current. Final Fire Prevention estimates for 1933 were forwarded on April 21 and final park estimates for 1933 were forwarded on April 23.

120 Park inspections by

121 Superintendent

I inspected park activities in the Gatlinburg area April 1-3 and 24-26. I drove to North Carolina via Deals Gap on April 27. Inspected Twentymile Creek, Hazel Creek, Deep Creek, Bradley and Stevens Fork of Oconaluftee, and Cataloochee Creeks and drove to Asheville the evening of April 30. Deep Creek is the finest country I have yet seen in the park. Particular attention was paid to inspection of trail maintenance. The work is good and the cost low. The arrangement whereby trail crews board themselves thus relieving us of a mess operation is working out well. I never thought it worked satisfactorily at Glacier or the Canyon. Working conditions in general are different from those I have previously observed in other sections of the country.

Assistant Chief Rangers Needham and Hough were active in looking after their respective sides of the park.

127 Other agencies

Edwin Akers, in charge Department of Fish and Game for Eastern Tennessee has been of great help in arranging a program of closing streams to fishing and restocking them.

130 Finance and accounts

		Expended and Obligated	Unexpended Balance
40/1480	$29,700.00	$16,152.86*	$13,547.14
41/2420	29,700.00	00	29,700.00
41/2406	7,500.00	00	7,500.00

* Includes $259.59 expended for Fighting Forest Fires.

140 Labor situation

There are many men seeking work. The small amount of work available in the park is given to local residents.

150 Equipment and supplies

One saddle horse has been purchased and we are in the market for four others. Two Chevrolet light delivery trucks, 16 Indian back pumps and considerable camp equipment, and small tools for fire and trail work were acquired by the park during the month.

160 Status of alienated lands

Besides property of the Champion Fibre Company (see 010 above) property of the Cherokee Orchard Company the acquisition of which had given considerable trouble, was purchased by the State Park Commission. Many small tracts were

purchased by the State Park Commissions. While in the Catalooche country I had lunch with the Jury of View that will fix valuation of Suncrest Lumber Company's holdings now under condemnation in the courts. From their remarks I believe the State will secure a very favorable verdict. It may be interesting to state that when the Champion Fibre Company came to terms, several property owners that were resisting condemnation and others that held their property at prohibitive figures show a disposition to come to terms.

100 Publicity bulletins, etc.

Two releases were issued, copies attached. Like the other parks we are handicapped by lack of mimeograph paper.

200 Maintenance, Improvements and New Construction

210 Maintenance

Four trail crews were working the greater part of the month and will continue until July 1. At least two crews must be laid off then as funds available for 1932 will be insufficient. These crews are brushing out and repairing existing trails, working over old logging railroad grades and removing high centers in the crude roads leading up many of the creeks.

240 Improvement of approaches to park

On April 30 there remained only one half mile of road to be constructed on the Tapoco-Deals Gap highway. When completed a good road 110 miles from Maryville to Bryson City will be available. The distance from Maryville to Bryson City via Asheville, is 226 miles. The present clay road from Deals Gap to Bryson City cannot be negotiated in wet weather.

It is difficult to ascertain just what will be done and when on the Ela-Cherokee, Cherokee-Smokemont and Smokemont-Newfound Gap projects. Highway Commissioner Stikeleather says one thing, his Chief Engineer says another. The one thing certain is that work on the Smokemont-Newfound Gap project has been discontinued and the power shovels taken out. Stikeleather says sufficient State funds have been secured to keep the project going until the Bureau of Public Roads approves the survey and participates in the cost. It is not understood why the shovels were taken out if work is to continue. To date nothing has been done on the Ela-Cherokee and Cherokee-Smokemont projects.

260 Landscape work

In North Carolina 17 worthless buildings on 8 tracts of land were given away for cleanup. In Tennessee the removal of only one group of buildings was reported and I issued instructions for this cleanup.

300 Activities of other agencies in the park

320 Cooperating governmental agencies

Excellent cooperation has been received from the National Forest, and the Bureau of Fisheries. It is believed the U. S. District Attorney will be of great help to us if assistance is needed.

330 Cooperating non-governmental agencies

Tennessee and North Carolina Fish and Game Commissions have been of invaluable help to the park. The Tennessee Highway Patrol are doing everything possible for us. This is a cooperative country par excellence.

340 State legislation

On April 4 the Tennessee Supreme Court refused to hear an appeal from the lower court in the condemnation suit against John Oliver of Cades Cove. Oliver has now exhausted all legal efforts to prevent the case going to trial and it is set for June. All technicalities concerning jurisdiction have now been disposed of and speedy action may be expected.

400 Flora, fauna, and natural phenomena

410 Birds

85 species of birds were observed by Father George Matthew Link, an amateur ornithologist of Chicago, in the park during the week of April 23-30. This seems so remarkable that the list is included in this report. Mr. Nehmetz, to whom this report was shown, stated he had identified several birds not shown on Father Link's list. The list follows:

1 Myrtle Warbler
2 Yellow Warbler
3 Black & White Tree Creeper
4 Robin
5 Purple Grackle
6 Purple Martin
7 Meadow lark
8 Chickadee
9 White throated sparrow
10 Song sparrow
11 Field sparrow
12 Chipping sparrow
13 Bluebird
14 Wood Thrush
15 L. Water Thrush
16 Blue-gray Gnatcatcher
17 Ruby Crowned Kinglet
18 White breasted Nuthatch
19 Alder Flycatcher
44 English sparrow
45 Towhee
46 Cardinal
47 Indigo Bunting
48 White eyed Vireo
49 Red-wing Vireo
50 Yellow throated Vireo
51 Mt. Solitary Vireo
52 Slate colored Junco
53 Ruffed Grouse
54 Whippoorwill
55 Red-breasted Nuthatch
56 Raven
57 Nighthawk
58 Starling
59 Tufted Titmouse
60 Chimney Swift
61 Rough winged Swallow
62 Carolina Junco

20 Carolina Chickadee
21 Blackburnian Warbler
22 Phoebe Flycatcher
23 Brown Thrasher
24 Mockingbird
25 Catbird
26 Cape May Warbler
27 Bewicks Wren
28 Carolina Wren
29 Red-wing Blackbird
30 Bobwhite
31 Crow
32 Bluejay
33 Mourning Dove
34 Flicker
35 Turkey Buzzard
36 Sharp Shinned Hawk
37 Rose breasted Grosbeak
38 Great horned Owl
39 Gold finch
40 Cedar Waxwing
41 Kingfisher
42 Scarlet Tanager
43 Summer Tanager
63 Red headed Woodpecker
64 Yellow bellied Sapsucker
65 Great Crested Flycatcher
66 Barn Swallow
67 Yellow breasted Chat
68 Maryland Yellowthroat
69 Parula Warbler
70 Redstart
71 Prairie Warbler
72 Kentucky Warbler
73 Nashville Warbler
74 Yellow throated Warbler
75 Cowbird
76 Hooded Warbler
77 Black throated green Warbler
78 Black throated blue Warbler
79 Bay breasted Warbler
80 Chestnut sided Warbler
81 Brown Tree Creeper
82 Downy Woodpecker
83 Ruby throated Hummingbird
84 Wood Pewee
85 Orchard Oriole

430 Natural Phenomena

Dr. Herman J. Popoon of the University of Chicago, one of the most eminent botanists of the country is spending the summer in the park. I suggested to Assistant Chief Ranger Clough that he get a list of flowers in bloom for inclusion in this report. Instead Dr. Popoon wrote a letter which follows:

"The undersigned is spending a couple of months in making as complete a survey of the plants of the "Great Smoky Park" as it is possible to accomplish in such a period of time. Some ten days have been largely taken up with this work and the results are most satisfactory.

The ambitious idea was conceived of finding and properly naming 1500 species of plant forms within the Park limits. This may be a largely exaggerated number possible to obtain, but the fact stands out that in these ten days 570 species have been located and accurately named. And this before the spring flowers have really reached their maximum number and before many have bloomed.

A further plan is to carefully prepare a well dried specimen properly mount with data of place of growth and other features, to be given to the Park as an authentic record of the species found. Connected with this is a card index giving full information of technical and

common names, in particular the mountain names in ordinary use and all localities where found,- with additional notes as to uses or possible utility and in the case of trees, dimensions of noteworthy specimens.

A few interesting notes may be appended to what already has been found worth recording. To date 27 species of violets have been found in bloom, 5 whites, 3 yellow, and 17 blue and purple. 17 oaks have been accounted for,- 10 trilliums have been found, 1 yellow, 1 pink, 2 red and 6 white,- 8 maples are found to occur,- a Red Mulberry 6' 4" in circ.,- a Tulip tree 17' in circ.,- a Hemlock, 13' in circ., a Rhododendron 45 ft. in height and 7 inches in diameter,- 36 ferns and 3 club-mosses.

On the other hand of 183 hawthorns of Southern U.S. named by Small, but three have been discovered in our midst. As yet but one gooseberry and no wild currants have been seen. And so it goes each day, some unexpected new thing comes to light. Just now April 30 the mountain slopes are gay with purple Phacelia, Scarlet Fire Pink, White Stone Crop, Yellow Golden Ragwort, Rose-red Geranium, Yellow-red Columbine.

With great expectations the coming day is awaited.

Herman H. Hepoon"

I, a mere layman, have revelled in the roadside beauty. The ground is literally carpeted with flowers and I have never seen anything like the flowering trees of the forest. Dogwood, Judas tree (red bud), silver bell, service berry are blooming in the greatest profusion. The crowning glory of our forests, the rhododendron and flaming azaela, will not appear until June.

490 Miscellaneous

Turkey and Twentymile Creeks in North Carolina and Cosby Creek, the East Fork of Little River and the West Fork of Little River, Tennessee, were closed to fishing for restocking. We are assured of ample trout for these waters from the Bureau of Fisheries and the State of North Carolina. Tennessee has as yet no trout hatchery. Local residents almost to a man are with us in this restocking program. A slough on Turner Creek has been utilized as a rearing pond. The Tennessee Fish and Game Commission have built two rearing ponds in the park. They have filled them with rainbow trout secured from the Bureau of Fisheries and are feeding them. These trout will be liberated in park waters.

The Knoxville News-Sentinel publishes numbers of license plates of autos carrying wild flowers, dogwood and red bud branches, etc. They announce if the practice is not stopped the names of owners of cars will be published.

Of the thousand or more cars on the Newfound Gap road last month the occupants of 5 autos, only, were found to have wild flowers. These violations were not flagrant as only a few flowers were taken and the flowering trees and shrubs were not disturbed. They were courteously warned and seemed convinced they were doing wrong. If this practice cannot be absolutely broken up by such procedure the Tennessee highway patrol will give offenders tickets to appear at the office and explain why they should not be taken before the U. S. Commissioner. Decent people in this country are determined to break up this practice.

600 Protection

610 Police protection

See 490 above.

630 Fire protection

While normally April is a very unfavorable month for fires, during the past month there were continued rains and the hazard was therefore reduced. In North Carolina there was only one fire which was stopped at the park line at an expenditure of $9.70. 140 acres were burned outside the park. There was no damage to the park. This fire was on Cove Top Mountain near Bryson City.

There were 12 fires in the park or nearby on the Tennessee side:

Location	Area burned	Description	No. of men	Cost
Cove Mountain	15 acres	Private land inside park	6	$ 3.00
Meigs Mountain	50 "	Park land, woodland	14	32.01
Hesse Creek	0.3 "	" " "	9	18.50
	43.5 "	Outside park, brush		
Cades Cove Road	7.0 "	" " woodland		7.25
N. Fk Little River	2 "	Park land, second growth	9	---
Cove Mountain	3 "	" " " "	3	6.00
Cove Mountain	50 "	Pvt. land inside park, wood.	23	[illegible].24
Round Top Mountain	3 "	" " " " 2nd gr.	3	6.48
Hesse Creek	40 "	" " " " wood.	11	33.39
Holy Ridge	2 "	Park land, second growth	--	3.48
Greenbrier	3 "	" " " "	4	3.00
Round Top Mountain	33 "	" " woodland	6	29.33

650 Signs

A number of signs were erected in connection with protecting wild flowers and closing streams to fishing.

900 Lincoln-Magus

Horace Kephart, of Bryson City, N.C., author of "Our Southern Highlanders", etc. was killed in an automobile accident April 2. He was largely instrumental in starting the movement for the park.

5 stills were taken from park lands in North Carolina during the month. I have no reports of the activities of the Prohibition officers covering the Tennessee side but it would be strange if none were captured. As an index it is stated 20 were captured in the park in Tennessee in one month not long ago.

I was on annual leave, April 13-18 inclusive.

Very truly yours,

J. R. Eakin,
Superintendent.

U. S. Department of the Interior
National Park Service
Great Smoky Mountains National Park
J. R. Eakin, Superintendent.

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By J.R. Eakin

Maryville, Tenn.,
April 6, 1931.

For immediate release.

While the Great Smoky Mountains National Park will not be a going concern until the entire area is acquired by the States of North Carolina and Tennessee and in turn ceded to the Government, plans have been made to restock the park with native species of game animals, game birds and fishes, according to Superintendent J. R. Eakin. The entire park will be a game preserve but fishing will be encouraged.

Plans have been made to secure surplus Virginia deer from the Pisgah National Forest Game Preserve. As methods of trapping and handling wild deer have not yet been perfected a relatively small start will be made the first year restocking is undertaken. The number will be increased each year until ample breeding stock is established.

A colony of beavers will be established on each watershed. These will be secured from surplus beavers in the National Parks of the West, especially from Glacier National Park where beavers are particularly plentiful. It is believed that if bears are given absolute protection there are enough for restocking left in the park. Native ground nesting birds such as wild turkeys, grouse, etc. will also be liberated in the park. Non-native animals and birds will not be introduced.

Forney and Twentymile Creeks have been closed to fishing. These creeks

are fished out. They will be restocked with [illegible] trout this year and when reopened to fishing a daily limit of ten fish per person will be enforced. Before many years it is hoped that my fairly good [illegible] may be reasonably [illegible] of [illegible] the daily limit.

Intensive stocking of the waters of the part [illegible] rainbow trout in the lower streams and brook trout in the upper waters will be the rule. Before long [illegible] will be built and trout will be held until five or six inches long before placed in the waters of the park. Trout of this length will probably [illegible], even in a [illegible]'s [illegible]. Trout planted as small fry [illegible] fish and proper limits put [illegible]. It is estimated that [illegible] five per cent survive and grow to [illegible].

U. S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
J. R. Eakin, Superintendent

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By J. R. Eakin

Maryville, Tenn.,
April 27, 1931.

For Immediate Release:

Superintendent J. R. Eakin of the Great Smoky Mountains National Park has announced that the following streams in the park have been closed to fishing,- Fish Camp Prong and East Prong of Little River above Fish Camp Prong, West Prong of Little River and all tributaries, and Cosby Creek. These waters will be restocked and protected, and when again opened to fishing should provide excellent sport. Decision to close these streams was reached after an inspection trip with Edwin Ahers, in charge of Fish and Game for Eastern Tennessee and discussions with members of the Izaac Walton League.

A recommendation for the appointment of Mr. Ahers and Steve Cosby, one of his wardens, as Deputy Game Wardens of the park to serve without pay, has been made to the Director of the National Park Service. The State Fish and Game Department and the park are working in the closest spirit of cooperation.

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MTNS... NATIONAL PARK

FILE NO. 207-002.3

MAY
MONTHLY REPORT

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J. R. Eakin, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1928 6—7410

June 5, 1931.

To The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for Proposed Great Smoky Mountains National Park for the month of May.

000 General

010 Matters of unusual importance

The outstanding event of the month was the visit of Secretary and Mrs. Wilbur on May 28. On May 29 we drove to Newfound Gap and return and on to Cades Cove where we had lunch. On May 30 we drove to Newfound Gap, thence down the mountain over the crude road to Smokemont where Assistant Chief Ranger Needham met us. We then drove to Bryson City where we had luncheon with Mark Squires, Chairman, North Carolina Park Commission, and Verne Rhoades, Executive Secretary of the Commission. Prominent residents of Bryson City paid their respects to the Secretary at the Fryemont Inn. After lunch we returned to Gatlinburg via Mantehala Gorge, Robbinsville, Santeetlah, Topoco, and Maryville. At Mantehala Lookout the Mayor of Robbinsville and prominent residents of that community paid their respects to the Secretary. I am informed there has not been a member of The Cabinet in that section for 25 years.

On May 31 Secretary and Mrs. Wilbur were entertained at the home of Colonel David S. Chapman. In the evening they returned to Gatlinburg.

020 General weather conditions

021 In the park

The month of May was featured by many showers of local character. There were a number of severe electrical storms and several hail storms. Report by a local observer at Elkmont follows:

Maximum	85 on May 29
Minimum	32 " " 24
Mean maximum	72.9
Mean minimum	43.4
Days of .01 inch or more precipitation	14
Total precipitation	5.14
Greatest " in 24 hrs.	1.45 on May 17

The most important acquisition by the Tennessee State Park Commission during the month was the purchase of the Methodist property near Gatlinburg. It appears that but for considerable publicity in the Knoxville papers they would have gone ahead with their development plans in the park.

A slight change in the park line near Gatlinburg was recommended in order to induce the Methodist Conference to sell their property in the park. This change will allow them to get a suitable area outside the park for their proposed development. Luckily, their new location will not be in view from any main road.

1.0 Publicity, bulletins, etc.

Two press releases were issued during the month, copies of which are attached.

200 Maintenance, Improvements and New Construction

210 Maintenance

In general trail maintenance in North Carolina has consisted of brushing out and removing ties from old logging grades, connecting switchbacks on logging roads, rebuilding old bridges. Three crews of 5 and 6 men each were employed during the greater part of the month. Old logging roads on Forney Creek and Bradley Fork of Cosnaluffty were repaired sufficiently for the passage of fire trucks. The Forney Creek crew were discovered to have liquor in camp and were laid off for a week with a warning if it occurred again they would be discharged for good. Work is so scarce it is believed it will not occur again. The Champion Fibre Company furnished lumber for repairing a number of bridges on Bradley Fork. 9 miles of crude road and 25 miles of trails were repaired.

On the Tennessee side trail maintenance has consisted mostly of brushing out a fine system of trails that was built by the Forest Service in 1913 when they had under consideration the establishment of a National Forest in what is now the park. Just why this was done, considering the Forest did not have title to the land, is not known. 7 small crews of two and three men were employed during the greater part of the month. They repaired 40 miles of trails.

240 Improvement of approaches to park

The new highway from Topoca to Deals Gap was finished May 21, about two weeks in advance of schedule. The drive from Bryson City, N. C. to Maryville via Robbinsville, Santeetlah, Topoca, and Deals Gap is very scenic, as Secretary Wilbur can testify. I can now drive from my office to Bryson City in one half the time that was required before this road was completed.

While in Nashville I conferred with Chief Engineer Baker of the Tennessee Highway Commission concerning approach roads to the park. I found him committed to the Knoxville-Gatlinburg Boulevard and the Maryville-Chilhowee Mountain Highway which will at some future time be continued by the Service to Cades Cove. I urged that the Gatlinburg-Newfound Gap and Maryville-Deals Gap roads be oiled at once. He felt these two projects were desirable but stated their commitments would use all available funds. Since that time a bill increasing gasoline tax from 5 to 6 cents and authorizing $30,000,000 additional bonds for highway

nuisance on these roads can be eliminated.

The Knoxville-Gatlinburg project is so ambitious my own opinion is that it should be studied further before it is undertaken. It is proposed to build it 100 feet wide with a right of way of 500 feet which will be zoned and landscaped. The Service will be requested to provide a landscape architect who will plan the general treatment.

While I have not yet had an opportunity of discussing road matters with Commissioner Beal of the North Carolina Highway Commission who succeeded Mr. Stikeleather, I had a discussion with his representative. I urged that the Smokemont-Newfound Gap project be completed and the construction of all other roads in the park, particularly the Smokemont-Cherokee project, be indefinitely deferred. I also recommended that the funds allotted for this latter project be used in oiling the road from Robbinsville to Deals Gap. Bryson City, Robbinsville and the surrounding country are solidly behind this program.

260 Landscape work

100 buildings on 27 tracts of land were destroyed during the month, previous "the arson squad" was on the job. Some were given away for clearing but most of them were burned during rainy periods. 7 buildings were sold to the highest bidder for $76.

300 Activities of other agencies in the park

330 Cooperative non-governmental agencies

On May 1st while in Asheville I contacted with Verne Rhoades, Executive Secretary, North Carolina Park Commission, J. G. Stikeleather, State Highway Commissioner, Messrs. McClure and Beichler of the State Conservation Commission, Assistant District Attorney Lackey, and others. Cooperative measures were discussed with all these agencies.

Frequent conferences were held with Colonel David [illegible], Chairman, Tennessee Great Smoky Mountains Park Commission in his office at Knoxville and in the park. At Colonel [illegible]'s suggestion I went to Nashville to discuss park matters with influential members of the State Legislature. Some remedial legislation is necessary in order to complete the park. No additional funds are sought.

Mr. Verne Rhoades, Executive Secretary, North Carolina Park Commission advises all lands needed in North Carolina will be acquired by October 1st. During his recent visit Secretary Wilbur gave out a statement that if the necessary legislation were secured he believed the park would be a going concern by July 1st, 1932.

Frank J. Kieger, superintendent of Balsam Gap (North Carolina) hatcheries visited the park and helped Assistant Chief Ranger Needham select sites for rearing ponds.

400 Flora, fauna, and natural phenomena

410 Ranger service

On May 19 Park Ranger Adolph [illegible]. Hogensen entered on duty by transfer from the Cherokee Indian Reservation. His work had been watched for some time and we believe we have secured a valuable employee.

480 Natural Phenomena

Mr. Lorman L. Pepoon makes the following report:

"During the month of May, I have visited the following sections of the Park: Cades Cove and Rich Mountain; the Greenbrier region; Indian Gap, summits; Upper parts of Roaring Fork; Baskins and Little Pigeon; the lower half of Cliff Creek; the lower slopes of Mt. Guyot; Mt. Harrison, besides many short trips.

"My plant list, which is being card written and indexed as fast as possible, now numbers a trifle under 900 species and each day some new discoveries are being made. Many new stations for interesting plants have been located. Many tree measurements have been made and [illegible] problems have been solved.

"One of the interesting examples of this last subject is the habit that the Yellow or Canadian Birch has of apparently elevating itself on stilt roots. The explanation is that Birch seed commonly germinate in the moss covered prostrate trunk or stumps of decaying hemlocks or Chestnuts. The seedling roots, penetrating the mossy covering, enter the earth. And then as the log or stump decays, the seedling becomes more and more sturdy. In time some of the original tree soil has vanished thru decay. Then the tree appears as if lifted from the air upon the more or less numerous roots. The greatest elevation, so far observed, is 7 feet with eleven roots penetrating the soil.

"A list of the Oak Trees is interesting; of the White Oaks,- White, Bur, Post, Mountain Chestnut, Yellow Chestnut, Chinquapin, Swamp White and Basket, 8 in number; of the Black Oaks,- Black, Northern Red, Southern Red, Scarlet, Water, Pin, Jack, Spanish 1, Spanish 2, Scrub, 16 in number; making a total of 18 which seemingly exhaust the oak varieties. Cades Cove produces a Scrub Oak that is so variable in itself as to lead the observer to conclude that the Willow and Laurel Oaks meet.

"Measurements have been secured for the following species:

Red Maple	13 feet	7½ inches	(girth)		Green Briar
Chestnut	20 "	6 "	"		Porter's Flat
Red Oak	16 "	4 "	"		Roaring Fork
Spanish Oak	10 "	2 "	"		Watson's
Chestnut Oak	10 "		"		Roaring Fork
Beech	10 "	1½ "	"		" "
Mulberry	9 "	4 "	"		Cades Cove
Mt. Magnolia	5 "	7 "	"		Roaring Fork
Cucumber Tree	7 "	11 "	"		" "
Tulip Tree	17 "	6 "	"		Norton's Creek
Locust	5 "	2 "	"		Roaring Fork
Wild Cherry	3 "	11 "	"		" "
Red Bud	4 "	5 "	"		" "
Tea Wood	10 "	6 "	"		Green Briar
Black Gum	6 "	6 "	"		Roaring Fork
Sugar Maple	12 "	4 "	"		Guyot slopes

Bunch Flower	Larkspur	False Coats Beard
Devil's Bit	Large Yellow Lady's Slipper	Brook Saxifrage
Crisped Pink Trillium	Showy Orchid	Bowmans Root
Red Trillium	Coral Root	32 Violets
Spotted Clintonia	Leather Flower	Galax
Putty Root	Alleghany Vine	3 Bluets
Moccasin Flower	Beards Tongue	Shortia
Small Yellow Lady's Slipper	Fire Pink	Purple Turtle Head

490 Miscellaneous

On May 1 7,500 rainbow fingerlings were planted in Forney Creek thus inaugurating what we hope will be the beginning of an intensive restocking program.

Two rearing ponds were constructed on Forney Creek at a cost of about $20. On May 13th 57,500 rainbow and 36,600 brook trout fry, 1½ size were placed in these ponds and are doing nicely. During the month 30 water snakes in and near the ponds were killed. I killed one and examination proved it had eaten approximately 30 trout fry. An intensive campaign must be waged against water snakes if good fishing is to be provided. Local residents say that one water snake will, in the course of a year, kill more trout than a dozen fishermen.

500 Use of Park Facilities by the Public

510 Increase or decrease in travel

We are not yet in position to check in travel but partial travel reports for May 24 and 31 may be of interest. On May 24 856 autos passed the junction of the Loop and Newfound Gap roads. On May 31 the count was 995 autos. On each date the count was from 6 a.m. to 6 p.m. and travel was still heavy when count was discontinued. There was perhaps an equal amount of travel to Deals Gap and considerable travel in the Greenbrier and Cosby sections in Tennessee and in the Cosnaluftv country in North Carolina. It is believed there were in excess of 3,000 autos in the park on May 31.

600 Protection

620 Fire protection

For the second month in succession there were no fires in the North Carolina section of the park.

On the Tennessee side there were 2 fires in the park and three outside and near the park. The list follows:

Name	Location	Acres		Men	Costs
Happy Valley	In Happy Valley	7	outside park	8	$10.50
Morgan Hollow	Near Line Springs	2	" "	6	5.00
Cane Creek #2	Hesse Creek Valley	700	" "	7	30.00
Sinks	On Loop Road	100	Park lands	14	71.50
Left Fork	Greenbrier Cove	4	Private land in park	5	7.50
				40	$114.50

The fire at the Sinks was the most serious in the park this year and last. Chief Ranger [illegible] is convinced it was set by moonshiners to cover up their activities. He was advised a still was located about one half mile from the fire and raided it. The still was brought to Gatlinburg and Secretary Silber took it along as a souvenir of the Great Smokies. Three barrels of mash and 4½ gallons of liquor were poured out.

The area burned by this fire was due to gross carelessness. The patrolman was notified of this fire at 9.20 p.m. He did not start for the fire until 5 o'clock the next morning. He claims he was not notified until after midnight. Even then the fire was trenched when it had burned only 15 acres. The patrolman left the fire at 11.00 a.m. with the entire crew and stated it was dead. It flared up in the afternoon when practically all the damage was done. The patrolman was discharged.

900 Miscellaneous

On May 14 I talked before the Kiwanis Club at Knoxville. The subject was tentative plans for the park so far as they could now be determined.

Some undesirable characters were notified to move from the park by November 1. Letters written to them stated if they or any of their families were in court before that time they would be prosecuted to move immediately. Time was given to harvest their crops.

The new term of Federal Court for Haywood County (North Carolina) resulted in 7 park residents being sentenced to the penitentiary for from 1 to 2 years. All lived in the Cataloochee country. In Swain County (North Carolina) only one resident was convicted and he received a sentence of 3 months in jail.

The following is a status of personnel during the month of May:

	April 30	Additions	Separation	May 31
Permanent	4	1	0	5
Temporary	31	53	49	35

The above figures do not include 2 wardens appointed during the month who are serving without pay.

Very truly yours,

J. W. Eakin,
Superintendent.

JWE/R

National Park Service
Great Smoky Mountains National Park
J. R. Eakin, Superintendent.

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By J. R. Eakin

For Immediate Release:

Maryville, Tenn.,
May 6, 1931.

Superintendent J. R. Eakin of the Great Smoky Mountains National Park has announced that a few convictions seem to have convinced a great many people that the forests should be protected others may have to be forcibly taught. He has appealed to the Tennessee Highway Patrol for help and this organization has offered to use its entire resources in order to preserve the park for all people.

Those picking wild flowers, destroying or injuring shrubs or trees may at any time expect to be handed a ticket to appear at the park office at Maryville and explain why they should not be prosecuted under Federal laws. Authority in law exists to place warrants for this offense in the hands of a U. S. marshall even after offenders have left the park. Offenders may also be arrested in the park by park rangers.

U. S. Department of The Interior
National Park Sarvica
Graat Smoky Mountains National Park

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By J. R. Eakin, Superintendent

For Immediate Release:

Maryville, Tennessee,
May 27, 1931.

Carelessness with camp fires is becoming a serious matter in the Great Smoky Mountains National Park, according to Superintendent J. R. Eakin, and if this continues camp fires must be prohibited in order to protect the park.

Last Sunday despite warnings a large picnic party left three fires burning along the Indian Gap Highway. Such practice as this only makes it more difficult for those who love the mountains and know how to use them.

Laws in effect state "Fires shall be lighted only when necessary, and when no longer needed shall be completely extinguished and all embers and bed smotherad with earth or water, so that thera remains no possibility of reignition." At no time msy camp fires be started near trees, dead wood, moss, dry leaves, etc., but if a fire is needed it may be kindled in some open space on earth or rocks.

Park Rangers have baen instructed to take vigorous action against those who are indifferent to the dangers of fires of all kinds.

10-23
May, 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO. 207-002.3

JUNE
MONTHLY REPORT

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J. R. Eakin, Superintendent

IMPORTANT

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 0—7410

June 6, 1931.

To The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for Proposed Great Smoky Mountaine National Park for the month of June.

000 General

010 Matters of unusual importance

Secretary Wilbur left the park on the morning of June 2. In the afternoon he delivered a baccslaureate address at Tusculum College, Greenville, Tennessee, and received a degree. He also plsced a wreath on the grave of Andrew Johnson. On June 3 he delivered an address before the American Forestry Association at Asheville, N. C.

Director Albright arrived at Knoxville on the morning of June 6. I drove him to Gatlinburg where he talked before the Chattanooga Motorcade.

Associate Director Cammerer was in the park on June 13-14 and made a speech at the banquet of the Appalachian Trail Conference. Mr. Cammerer was also in Naehville in connection with legislation sought by the Tennessee Great Smoky Mountains Park Commission.

020 General weather conditions

Not being equipped to make accurate and complete reports of weather conditions, it can only be ststed that precipitstion wes coneiderably below normal, particularly in the low country adjacent to the park, but in general it rained somewhere in the mountaine every day. The weather was considerably warmer during the month.

100 Administrative

110 Stetus of work

Work has been kept current but invoices for several obligations have not been received during the month.

120 Park inspections by

121 Superintendent

I inepected the North Carolina section of the park June 22-26 inclusive, and made two tripe of inspection into the Tenneeeee area. Two trips to Nashville prevented more tripe into the park.

130 Finance and accounte

		Expended and Obligated	Unexpended Balence
40/1405	$1,042.89	$ 1,042.89	$ 00
40/1420	29,700.00	25,193.31	4,506.69
41/2406	7,500.00	00	7,500.00
41/2420	29,700.00	00	29,700.00
4x436.20	6,000.00	00	6,000.00

150 Equipment and supplies

Following ie a list of the most important equipment received during the month:

Ford light delivery truck, pickup body and cloeed cab.
3 Horees
6 ea. Saddles, headstalls, blankets, bridles, saddlebags and ropes.
2 12" oscillating electric fans

200 Maintenance, improvemente and new construction

210 Maintenance

Coneiderable trail maintenance work has been accomplished during the month and eeveral old wagon roade have been repaired.

220 Improvements

While in North Carolina I contacted with President Robertson of the Champion Fibre Compeny in an effort to aecertain just how much of the old equipment of the Smokemont saw mill would be taken out. He promieed to write me in detail in this connection. All equipment and junk must be taken out before the rails are pulled. Otherwiee it would have to be hauled out on trucke. All level ground will be needed for development and a junk pile cannot be hidden in the forest.

240 Improvements of approaches to park

North Carolina has not resumed work on the Smokemont- Newfound Gap road and no plans for this work have been announced. Swain County crewe connected that part of the road that has been built with the old road by conetructing a new road about 200 yards long.

The new Deals Gap-Tapoco highway ie very popular with motoriets. The trip from Maryville to Bryson City can now be made in one half the time formerly required. While in Nashville I conferred with State Highway Commissioner Baker in an effort to have the road from Maryville to Deele Gap oiled; also the Gatlinburg- Newfound Gap road. Indications are that the State will do this work. The State of North Carolina will oil the Deals Gap-Robbinsville road.

260 Landecape work

16 old housas and 11 barns on the Tennessee side of the park were burned, and the ground cleaned up, during the month.

400 Flora, fauna and natural phenomena

480 Natural phenomena

Dr. Herman S. Pepoon makes the following report:

"The pleasant work I am engaged in, namely, an enumeration of the plants found in or closely adjacent to the park area continues without serious interruption through the month of June. The card index has now grown to more than a thousand numbers and the actual accessions to the collected plants increase at least ten daily.

"It is more end more to be emphasized that the park area is definitely separable into very distinct sections characterized by the possession in each of unlike, very striking or unique plant inhabitants. A few of these sections visited during the past month may be named at the possible danger of repitition in former reporte. These are the Green Brier, Roaring Fork, Sugar Land, Indian Gap, Mountain Summits, Mt. Harrison and upper branches of the East Prong of Little River. Each of these has yielded fine examples of the above general statement about unique floras.

"The three factors upon which plants are dependent; kind of soil or rock formation, axposure and more emphatically, water content, more and more are shown as the determining conditions of distribution. Regions with optimism conditions are thronged with epecies, while thoee lacking in proper adjustments of any one of the three show a dearth.

"Not to lengthen unduly the report and to fittingly illustrate the above, the last named section in a preceding paragraph may be used. The Throe Forke branch of the Left Prong of Little River, seemingly with an optimism condition is at present a veritable flower gardon. No area so far visited shows to better advantage the park possibilities as a place for flower exhibition and study. Penetrated by an easily travelled auto trail, this portion of the park is a beauty spot, to the plant lover in particular. Great patches of the hardy Phlox, "sweet William" of the mountain folk are gay in purple, pink or white, filling the air with delightsome fragrance. The Bee Balm Oewego Tea or Red Monarda glows out of the shade with unforgettable brilliance. The wood mint completes

the trio of colors, adding its white to the blue, and red of the other two. These three plants alone are worthy of a trip so outstanding are they.

"Without naming localities, a number of striking finds may be listed to conclude the report:

Mountain Rhododendron	Mountain Ash
Catawka "	Privet lud Andromeda
Riverside azalea	White monarda
Menziesia	Long lud Bluet
Mountain Cranberry	Great lead plant
Purple Fringed Orchis	Leather flower
Yellow Lady's slippers	Adam's needle
Fly Poison	Black Cohush
Mountain Alder	Yellow shamend stuartia
Rusty haired viburnum	Violet " "

"Without slandering any flower, let me add that the stuartias are by all odds the aristocrats of the shrub flower people, nothing "here-a-way" comparing to them in form and beauty."

490 Miscellaneous

During my trip to North Carolina I contacted with the North Carolina Conservation Society and secured 50,000 Rainbow trout for the park.

The Rainbow and Brook trout fry placed in two experimental rearing ponds on Forney Creek the middle of May are doing fine and making rapid growth. Thus far they have been fed exclusively on ground liver and beef hearts (fresh) but we plan soon to try feeding eome dry prepared foode to them, which were recommended by the Bureau of Fisheries, eamples of which have been received.

500 Use of Park Facilities by the public

510 Increase or decrease in travel

We are not in a position to check in travel but it may be seid that travel during the month has considerably increased and numerous tourists from all parts of the country have been entering the park during the month.

520 Conditions favorably affecting travel

The first regular tour into the park area on the North Carolina side was started the last of the month by the Great Smoky Mountains Camps and Tours of Asheville, N. C. They have established a camp at Three Forks on the Raven Prong of the Oconalufty River on lands of the Ravensford Lumber Company and plan to offer five day pack trips into this section starting from Smokemont.

530 Visitors

Dr. Frank R. Oastler, member of the Advisory Educational Committee on National Parks spent several days on an inspection and photographing trip of the park. He was armed with a battery of cameras and besides taking innumerable photographs studied the educational aspects of the park.

Dr. Bell of the U. S. Biological Survey made observations of the wild life in the park.

600 Protection

620 Fire protection

For the third month in succession no fires have been reported on the North Carolina side of the park.

On the Tennessee side of the park, one fire has been reported as having occurred June 6-7, as follows:

Location	Area Burned	Men	Cost
Bote Mountain	40A Park woodlands	7	$27.96

The warden in charge reported that he made an investigation as to the cause of this fire but no clues were obtained.

Tennessee is without funds for fighting forest fires and the recent session of the Legislature failed to appropriate money for this purpose. One fire on the North Face of Chilhowee Mountain burned five days and covered about 1,000 acres. Not a man was on this fire. It was finally extinguished by rain.

900 Miscellaneous

Mr. Philip R. Hough, Assistant Chief Ranger, was granted annual leave from June 15 to 25, and went to Washington, D. C., where he was married to Miss N. Blanche Cain on June 20.

I was ordered to Nashville the latter part of the month and Assistant Chief Ranger Hough carried out the assignment of a talk before the Southern Newspaper Publishers Association at Asheville on June 29. Asheville papers were very complimentary about Mr. Hough's talk. Knoxville papers stated I made an interesting talk with slides. It was probably the best talk I ever made.

While at Nashville I contacted with the State Utility Commission, State Fire Warden and State Game Warden. I saw Governor Horton several times and found him very much interested in the park.

Reports showing personnel employed during the month are attached.

Very truly yours,

J. R. Eakin,
Superintendent.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns National Park for the Month of June, 1931.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	7	35		
Number of additions	0	22		
Total	7	57		
Number of separations	0	56		
Number of employees close of month	7	1		
Number of promotions during month	0	0		
Aggregate amount of annual leave taken	17			
Aggregate amount of sick leave taken	0			
Aggregate amount of leave without pay	0			

Appointed employees:

Superintendent
Assistant Chief Rangers (2)
Park Ranger
Clerk-stenographer
Foremen serving without pay (2)

10-215
(July, 1928)

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service

[redacted] National Park

REPORT OF NON-APPOINTED PERSONNEL
(TEMPORARY)

Changes outside the District of Columbia for the month of [redacted] 19[redacted].

Total at beginning of month	Additions	Separations	Net Gain or loss (a)	Total at ending of month
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

(a) If loss, indicate by minus sign.

10-281
(May, 1930)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Great Smoky Mtns NATIONAL PARK

FILE NO. 207-002.3

JULY
MONTHLY REPORT

- - - - - - - - - - - - - -

J. R. Eakin, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.

All Files should be returned promptly to the File Room.

Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 16:— 6—7410

August 6, 1931.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for Proposed Great Smoky Mountains National Park for the month of July.

000 General

020 General weather conditions

The weather observer at Knoxville announced that July was the hottest month of record. At Maryville about 6 days were uncomfortably warm. Apparently a normal summer is not too hot for comfort. We are eagerly looking forward to the time when we may move into the park where it is higher and cooler.

Precipitation for July was above normal, consisting of numerous hard showers, each covering a comparatively small area. For instance it rained so hard a baseball game was postponed and in the main part of Knoxville, one half mile distant, there was no rain. At another time it rained 2.68 inches in Knoxville in one hour.

021 In the park

Following is weather report for the park as secured from a volunteer observer at Elkmont:

Mean maximum	86	
Mean minimum	62	
Mean	74	
Maximum	97	July 30
Minimum	58	July 14, 15

Precipitation:

Total	14.7"	
Greatest in 24 hrs.	3.0"	July 21
Number of days with .01 inch or more precipitation	16	

It is quite likely that many sections of the park had an even greater rainfall than the above.

100 Administrative

110 Status of work

All administrative and clerical work is current.

120 Park inspections by

121 Superintendent

I inspected the North Carolina area July 7, 8, 15, 16, 27, 28, 30, and the Tennessee area July 5, 6, 9, 14, 21, 31. On July 7, accompanied by Assistant Director Wirth and Assistant Chief Ranger Needham I conferred with Engineer Cruse, Forester Demtoft, and Woods Boss Smith of the Champion Fibre Company at the Smokemont Mill concerning cleanup of premises which will shortly pass to Federal ownership. It developed the company did not intend to remove 3 large steam boilers and much other heavy equipment. The remainder must be buried nearby. Heavy equipment must be removed before rails are removed from the logging railroad.

On July 14, accompanied by Ranger Hogansen I hiked from Newfound Gap to Clingmans Dome, thence to Andrews Bald and on to the head of Forney Creek, a distance of 17 miles. I found that the trails that have been built at a cost of approximately $30 per mile are good enough for fire protection purposes.

On July 21, accompanied by Assistant Chief Ranger Hough, a site in the Sugarlands that is being considered for location of administrative headquarters, lodges, camp grounds etc. was thoroughly studied on the ground. While in North Carolina a similar study was made of the Floyd Bottoms.

Assistant Chief Rangers Needham and Hough made many inspections of the North Carolina and Tennessee sections of the park, respectively.

123 National Park Service officers

Assistant Director Conrad L. Wirth was in the park July 5-9 inclusive. He was accompanied by Mrs. Wirth and small son. He saw a representative section of the park and a representative group of our problems.

125 Other governmental officers

Dr. Charles R. Hursh, Forest Ecologist of the Appalachian Forest Experiment Station, Asheville, N. C., spent the week of July 6 making some ecological studies of the burned over area on upper Forney Creek. He camped during this time at several points on the State Line and on Andrews Bald. He also made a study of the upper Deep Creek area.

130 Finance and accounts

		Expended and Obligated	Unexpended Balance
40/1405	$1,042.89	$ 1,042.89	$ .00
40/1420	29,700.00	25,971.41*	3,728.59
41/2406	7,500.00	00	7,500.00
41/2420	29,700.00	1,154.62	28,545.38
4x436.20	6,000.00	00	6,000.00

* Includes [illegible] for Fighting Forest Fire.

140 Labor Situation

As elsewhere there is [illegible] unemployment and there is no difficulty in [illegible] any small crews recruited.

150 Equipment and Supplies

The following equipment has been received during the month:

2 Filing cabinets
1 Desk
1 Table
8 Chairs
1 Mimeograph
18 Pick axes
18 Hand Hoes
4 Thermometers

160 Status of Highland Lands

During the month title was tendered to the United States to approximately [illegible],538 acres of land in the park all of which lies in Swain County, N. C. Some [illegible],000 acres of this was the former Champion Fibre Company holding which was purchased by the State about two months ago. Also, included in this deed was the Floyd brothers estate of 1,892 acres which includes the Floyd Bottoms, the largest tract of bottom land on the North Carolina side, the [illegible]. Queen estate of 478 acres, the [illegible]. Queen estate of [illegible] acres and 14 other smaller tracts. At the present writing outside of the Hemsford and Duncrest Lumber Company holdings and four school buildings, there remains only about [illegible] small tracts yet to be acquired in Swain County.

200 Maintenance, Improvements and New Construction

210 Maintenance

Practically all existing trails are brushed and bad windfalls have been removed.

230 New Construction

During July the following trail construction was completed in North Carolina:

Twentymile Creek

Riding ways have been constructed from the mouth of Twentymile Creek to the state line. The trail extends from the mouth of the main creek up Long Hungry Ridge to the state line (a distance of 4 miles). Another extends up the right prong of Twentymile Creek to the old hunting camp (approximately distance, [illegible] miles from the mouth of the creek).

From the point where trail via Twenty Cove Branch, another trail extends to Hemsfras Gap just below Shortbunk Mountain and thence on Twentymile Ridge to the state line. The entire distance from the mouth of Proctor Creek Branch to the

State line is approximately 4½ miles.

Another trail extends up the left fork of [illegible] Creek to [illegible] Gap on the State line. The length of this trail is 7 miles. (A trail will be constructed between Felton Gap and Tails Gap shortly)

Deep Creek

Approximately 7 miles of sidling way have been opened up between Indian Gap and the old Bryson Place on Deep Creek. A good trail already connects the Bryson Place and the present Deep Creek into road.

A trail up the left prong of Deep Creek (4½ miles) has been constructed. Also a connecting trail between the two prongs through Deep Gap has been put in.

In Tennessee during July a two-man crew finished building out and improving the State line trail from Indian Gap to Cliagmans Dome, a distance of six miles. Another two-man crew completed the improvement of the State line trail from Thunderhead to Gregory Bald, a distance of nine miles. Between these sectors the North Carolina crews have completed the work, thus making a continuous trail along the State line of thirty miles which is open to horse travel.

A third crew has opened a trail from Tow-Line Creek to Cherokee Orchard, and a fourth crew has opened a trail on Cades Cove Mountain from the Rich Gap eastward to connect with the Chestnut Ridge trail.

240 Improvements of approaches to park

During July the State of Tennessee completed the grading of the highway from Gatlinburg to the State line via Elkmy. This road is the State boundary from Elkmy Creek to the line, a distance of about ten miles. It will be an excellent standard highway running through a beautiful section of country.

300 Activities of other agencies in the park

380 [illegible]

The North Carolina Highway Commission has completed grading of one mile of highway from Cadwallader South. Representations have been made to the Commission that the park prefers to complete this road after the park has been established and it is believed that no more work on this project will be undertaken.

Above the middle of the month the State of North Carolina resumed work on the Newfound-Deep Gap Highway. They now have 2 shovels and a large force of men on the job and expect to finish the job by the first of the year. There is about 2½ miles of heavy grading to be done before they reach the park.

The Champion Fibre Company has continued the work of removal of equipment from their plant at Canton during the month. Most of the steel from their logging railroads has been taken up and removed from the park and several long trestle decks at the mill have been taken down. We have been advised that most of the heavy equipment such as boilers and machines have no value and will be left for us to dispose of.

340 State, county, or municipal legislation affecting parks

The corrective legislation sought in the State Legislature by the Tennessee Great Smoky Mountains Park Commission failed for lack of a filibuster by members of the House from East Tennessee. This group had failed in its effort to [illegible] the Governor but successfully filibustered against the administration's program. The Legislature failed to provide for funds to run the State and Governor Horton has stated he will call a special session of the Legislature and name the park bills in his call. If so it is thought the bills will pass. If they do not become law it is believed the creation of the park will be delayed at least two years.

400 Plant, fungus, and animal management

410 Ranger, naturalist and guide service

A fish pond was constructed on Deep Creek at the old Bryson Place. A small branch was diverted from its present course, through a flood control gate, into its former bed to serve as a source of water for the pond. Also a small spring branch empties into the pond. The water water heat of day reaches a maximum temperature of 68 degrees F.

25,000 rainbow trout were placed in this pond July 10. Upon advice of Capt. Frank J. Sieger of the Balsam Hatchery, it was decided not to place any more fish in the pond until it could be determined whether or not the trout did well under the particular site and water conditions.

The fish in the pond are doing exceedingly well. An additional 25,000 trout were placed in the pond July 24. The fish have been fed ground liver (fresh) up until present date. A shipment of dried liver meal has just been received; this will be used for the most part with an occasional fresh meat variation in diet.

These fish were received from the State hatchery at Gatlin, N. C.

490 Miscellaneous

Dr. [illegible] Popson has been active all through the month of July, and reports that very interesting progress is listing the plants of the park area. A copy of a recent study relating to his work follows:

Dr. [illegible], Fellow lecturer of the University of Chicago, is exploding a number of native myths in the Great Smoky Mountains, where he is cataloguing plants and trees of the new national park area. But there is one belief that is no myth, he has found.

There are giants in the species.

A wild gooseberry bush measures 60 inches in circumference 12 feet from the ground is one of the giants he has encountered on his hiking trips through the mountains from Gatlinburg, where he is making his headquarters. The gooseberry is estimated by Dr. Popson to be "at least 150 years old" and is surrounded by five large trees.

While most of his work since coming to the Smokies in April has been related to plants and wild flowers, he is also listing trees in his card index system. He recently found a living chestnut tree more than 30 feet in circumference. There's a tulip tree, member of the magnolia family, within two miles of his hotel that measures 18 feet around.

Recently Dr. Popoon has been making a special study of mushrooms and among these, too, he has found a giant. This particular specimen weighed 12 pounds and is the largest that he has ever found in his experience as a field botanist. It was one of the [illegible] variety, but was too tough to be used for a table delicacy.

Among some of the plants and trees he has catalogued are three varieties of rhododendron, five azaleas and four varieties of magnolias-- the tulip tree, the mountain magnolia and the umbrella tree. A few days ago he ran across a double meadow full of Canada lilies, which are "not supposed" to grow in this section, he said.

"Every peak and ridge has its unique flower and you've got to travel them all to get a complete list," Dr. Popoon said. "I found a hundred varieties on one trip along the crest from [illegible] to [illegible], [illegible]."

He carries a long staff along with him on his hiking trips, which is used for poking into the bushes before he puts his hand in to get specimens. This is done as a precautionary measure, in case there should happen to be a copper head lying in the shade of the foliage.

"A rattle snake, of course, would give you warning," he points out, "but not a copper head. I've never seen a live rattlesnake since I've been down here and I have offered a standing reward of $5 for anyone who will bring me a live rattler five feet long.

"Every now and then some one comes to me and asks me if it's true that I have offered $5 for a five-foot rattler. I tell them 'yes, but it must be a live one.'

"'Oh, a live one,' they say, and I never hear any more from them."

500 Use of Park Facilities by the Public

510 Increase or decrease in travel

While no figures are available, it is evident that the number of visitors to the park area are steadily increasing, at least the number of automobiles using the highways. It is believed that the number of people patronizing the various inns and hotels is less than last year because of the nation wide depression, but it has apparently not affected the number of those who come merely to picnic. The record number of hot days perhaps accounts for the great amount of picnicing in the park during July. I have made several counts of the cars on roadways and estimate the traffic at two hundred cars per hour.

530 Visitors

From July 5-27 inclusive the park was visited by a party consisting of [illegible].

Gen. B. F. Cheatham, [illegible] Ret., his brother Rear Admiral J. J. Cheatham, USN, and his wife, daughter, son, and Lieut. [illegible] Van Meer, [illegible]. This party camped for a week at Burns Creek, and the balance of the time in the [illegible] of Little River above Elkmont.

On July 5, the Peoirie Club of Chicago took an encampment at Greenbrier in the middle park of the Little Pigeon. About forty people met in camp, which will last until August 10. By that time some sixty people will have been with them. Mr. Christie reported that trails were found in good shape and that the people were enjoying themselves.

The Omnibus College, an extension service of Wichita Municipal University, paid the park a second visit of the season during July. Two hundred and forty students were with this motorcade school, which stayed at the Watson Orchard for two days. In the trip which lasts for fifty days and covers six thousand miles, stops are made at Washington, New York, Detroit, Montreal, The Great Smoky Mountains National Park, and other points of national interest. Courses of study are combined with sight seeing, and those passing the examinations are given three hours credit at the University.

600 Protection

610 Police protection

The following parties were found hunting on park land (Twentymile Creek) by Ranger Hogensen; they had guns in their possession. They were arrested, tried before the U. S. Commissioner and bound over for trial in Federal court next November:

Ellis Cable, Tyrone, N.C.
Arnold Cable, " "
Lennie Seebold, " "

Warrants for the arrest of A. A. Jenkins of Maryville, Tennessee, and Jeff Dunnigan of Tryon, N.C. have been issued. The former was found fishing on closed waters and the latter hunting on park land.

620 Fire Protection

There were no fires in the park. One fire on Little River near the park boundary burned 7 acres. Park forces extinguished it at a cost of $18.75. In reporting on this fire Assistant Chief Ranger Clough states two wardens discovered this fire independently and both took action to the fire thus explaining the high cost.

650 Signs

A number of standard signs were received and erected.

900 Miscellaneous

Through an inadvertence no buildings were reported as razed in Tennessee. In North Carolina the following buildings were then disposed of by burning:

On Upper Big Creek	8	houses	and	1	barn
Lower Big Creek	6	"	"	3	barns
[illegible]	6	"	"	2	" (Fishing Creek)
Twelvemile Creek	1	"			
	21	"	"	6	"

In addition to the above 14 permanent buildings on 9 different tracts of land were given to park residents for seasonal and storage during the month.

During the month 3 squatters living on [illegible] Creek, one on Coopers Creek and one on Bradley Fork were notified to vacate their premises by November 1. Also, Bill McDonald of Bingus Creek, a squatter who was recently found guilty of manufacture of liquor on park lands, was notified to vacate.

Two stills were captured on park lands on the North Carolina side during the month. One of these found on the upper left fork of Cataloochee River by deputy sheriff [illegible] Caldwell of Cataloochee was a nice 20 gallon copper affair which he has been kind enough to donate to us for museum purposes. The other still was captured by the Legal Federal prohibition officer on the Caldwell road of Cataloochee on July 28. It was being operated by 3 park residents of that section, Theodore Long, Jim Brown and Harrison Jenkins who escaped from the officers. Theodore Long, who said the house in question is his field, has served two sentences in the penitentiary for liquor offenses. These two fellows who are squatters and just recently from the penitentiary should have known better than they were found at this still.

Gates were placed on the Fishing Creek and Bradley Fork roads during the month, the former because the street is closed to fishing and the latter because we have no use to enforce the fishing regulations in that section at present.

The Great Smoky Mount ins Hiking Club were asked to give their ideas as to location and type of shelter cabins and a very interesting meeting with the leaders of this club was the result. Mr. Charles Parker a leading architect of the south and a club member made some valuable suggestions. He suggested that he would gladly act as consulting architect without charge for any program we might undertake and hoped we would feel free to call upon his services at any time.

Minutes showing personnel employed during the month are attached.

Very truly yours,

J. R. Irwin,
Superintendent.

jrwin

(8)

10-215
(July, 1928)

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service

45534

[redacted] National Park

REPORT OF NON-APPOINTED PERSONNEL
(TEMPORARY)

Changes outside the District of Columbia for the month of [redacted] 19[redacted]

Total at beginning of month	Additions	Separations	Net Gain or loss (a)	Total at ending of month
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

(a) If loss, indicate by minus sign.

Number of promotions during month	1	0		
Aggregate amount of annual leave taken	17			
Aggregate amount of sick leave taken	0			
Aggregate amount of leave without pay	0			

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns National Park for the Month of July, 1931.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	7	1		
Number of additions	0	20		
Total	7	21		
Number of separations	0	12		
Number of employees close of month	7	12		
Number of promotions during month	1	0		
Aggregate amount of annual leave taken	17			
Aggregate amount of sick leave taken	0			
Aggregate amount of leave without pay	0			

10-23
May, 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns NATIONAL PARK

FILE NO. 207-002.3

AUGUST
MONTHLY REPORT

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J. R. Eakin, Superintendent.

IMPORTANT

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1931 6—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
OFFICE OF THE SUPERINTENDENT
MARYVILLE, TENNESSEE

September 6, 1931.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for Proposed Great Smoky Mountains National Park for the month of August:

000 General

001 In the park

The following is a weather report for the park as noted by an observer at Elkmont:

Mean maximum	78	
Mean minimum	53	
Mean	68	
Maximum	89	Aug 1, 3
Minimum	46	" 15, 23

Precipitation:

Total	14.26"	
Greatest in 24 hours	1.63"	Aug. 23
Number of days with .01 inch or more precipitation	22	

100 Administrative

110 Status of work

All work is current.

120 Park inspections by

121 Superintendent

On August 9 I drove to Newfound Gap in order to get an idea of traffic conditions on Sunday.

On the morning of August 10 I attended the hearing before U.S. Commissioner Allen, Jeviersville, Tennessee, of three men arrested for violation of fishing regulations. Upon request of the attorney for defendants the hearing was continued until August 17.

On the afternoon of August 10 I attended a meeting of the Tennessee Great

[illegible] Rocky Mountain rock [illegible] at [illegible] Park, [illegible].

On August 11 I left the Bryson City, N.C. [illegible] on August 13 in the morning I [illegible] the [illegible] and [illegible]. The power [illegible] and a [illegible] are off [illegible]. In the afternoon a special [illegible] to all sites [illegible] the [illegible] in the [illegible] [illegible] and [illegible]. I also interviewed a number of prospective [illegible].

On August 14 I conferred with [illegible], Tennessee [illegible], [illegible] [illegible] and [illegible], [illegible] [illegible], Knoxville.

On August 14 I [illegible] upon the [illegible] country, returning to headquarters.

On August 15 I [illegible] Elkmont [illegible] [illegible] and [illegible] and part of the little River [illegible] [illegible] on the middle fork of Little River. I also looked over the Elkmont area.

On August 16, 17, I [illegible] the [illegible] of the park from Gatlinburg east. Colonel David [illegible], [illegible], and Mr. [illegible], member of the Tennessee [illegible] [illegible] [illegible] also made the trip.

On August 18 I [illegible] the [illegible]. Satellite [illegible] [illegible] have recently [illegible] by Tennessee on the [illegible] line, and there is now [illegible] simply [illegible] highway built to the Elkmont [illegible]. North Carolina will soon build the [illegible] section from the [illegible] line to Mt. Sterling. This section is now practically [illegible].

1/9 [illegible]

[illegible] Laboratory [illegible] [illegible] [illegible] in Knoxville [illegible] August 21. They [illegible] by [illegible] of the [illegible] department [illegible] after [illegible] [illegible] in the [illegible] of the Knoxville-[illegible] [illegible] [illegible]. [illegible] [illegible] and [illegible] [illegible] [illegible] to [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]'s office. They have [illegible] [illegible] [illegible] of the [illegible] [illegible] [illegible] I have been [illegible] for the [illegible] film [illegible].

[illegible] [illegible] [illegible], [illegible] to [illegible] August 22. After [illegible] by [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

1/20 [illegible]

Mr. [illegible] Ph. [illegible] to the [illegible] of [illegible] made a [illegible] [illegible] of the [illegible] August 19-20 [illegible]. I [illegible] [illegible] on August 19 and 20. We found no [illegible] of the [illegible] [illegible] [illegible] of this [illegible] but found a considerable number of [illegible] that have been killed by this insect in the past.

1/21 [illegible]

[illegible] of North [illegible], [illegible] [illegible] [illegible] and [illegible] [illegible] in the North [illegible] section of the park on August 20. By [illegible] I

met they at Rockmount. The results of this meeting were made the subject of a special report to the Service. I was gratified that the only completion of the Rockmount-Rockford project is concerned and particularly that no [illegible] will be done by the State on the Rockmount-Greenville project. We are in the unusual position that the States of Tennessee and North Carolina desire to build several bridges in the park.

1.0 Finance and accounts

		Balance	Unexpended Balance
41/1[illegible]	1,[illegible]	1,[illegible]	[illegible]
41/1[illegible]	[illegible],700.00	25,984.[illegible]	3,715.46
41/[illegible]	1[illegible].75	18.75	0
41/[illegible]	7,[illegible]	180.[illegible]	7,321.67
41/[illegible]	[illegible],700.00	3,287.30	26,172.70
4m436	6,000.00	1,[illegible].30	4,621.70

1.1 Equipment and supplies

The following equipment has been received during the month:

1 Ford with stake body
4 [illegible] sections
1 dictionary and stand

1.6 Status of eliminated lands

In regard to the suit of Tiley in the Commonwealth's suit against the Silver of Tedder Tract condemned in amount of [illegible]. The Tennessee Park Commission has purchased Silver's holdings at $[illegible]; Silver's asking price was $[illegible] which he later reduced to $[illegible]. Just before the case went to trial Silver set the [illegible] at about $[illegible] but this offer was not accepted. Judging by Silver's past attitude the case will be appealed but it is my thought the award will be substantially increased.

This decision will be of great help to the efforts of the Tennessee Park Commission with reference to acquiring the remainder of lands.

1.7 Maintenance, improvements and new construction

1.71 New construction

The following trails were worked on during the month and approximately [illegible] miles of trails have been added to the system:

Tennessee Trail Work

[illegible], Bryson- White Rock	Left Fork, Greenbrier Trail
Cove Hardwoods- Laurel Branch	[illegible] Creek- Indian Gap
Fairy Ridge Trail	[illegible] Trail

North Carolina trail work

On the [illegible] Creek trail a riding way has been completed between [illegible]. Work was started on the [illegible] watershed trail. On the [illegible] Creek project a trail was [illegible] on [illegible] ridge, [illegible] old [illegible]. A good trail is now close to completion on the [illegible] divide from [illegible] to line. [illegible] trail [illegible].

[illegible]

On August [illegible] Assistant Chief Ranger [illegible] sold [illegible] old buildings in North Carolina for [illegible]. [illegible] other old worthless buildings were given [illegible] on the North Carolina side of the park for their removal and cleanup. In the Tennessee section of the park [illegible] buildings were burned, and the [illegible] sold 10 buildings, a total of [illegible] being removed from the Tennessee side.

[illegible] of North Carolina [illegible] the [illegible] of the [illegible] project and that instructions [illegible] engineer in charge of [illegible] project to [illegible] as possible.

600 Flora, fauna, and natural resources

610 Ranger service

Assistant Chief Ranger [illegible] practically his entire [illegible] to [illegible] in connection with [illegible] and [illegible] owners. [illegible] with his [illegible] of the [illegible]. [illegible] with [illegible], [illegible] of the [illegible] and [illegible]. [illegible] also [illegible] the [illegible] of his [illegible] girl. [illegible] also [illegible] the [illegible] in any way at [illegible]. Ranger [illegible] devoted practically all of his time to supervising trail crews.

[illegible] Ranger [illegible] entered on duty August 1 by transfer from the [illegible] National Forest. [illegible] is stationed at [illegible] and is looking after the [illegible] Little River and [illegible]. He is [illegible] in a [illegible]. While it is too early for final opinion, I believe Ranger [illegible] is one of the outstanding [illegible] in the Service.

[illegible] instance of his [illegible], [illegible] that [illegible] that [illegible] stills [illegible] the [illegible] enforcement officers [illegible] the raids. [illegible] was advised [illegible] the [illegible] in no uncertain [illegible] such practices must cease. [illegible] at a [illegible] in [illegible] in a [illegible]. [illegible] the [illegible] of

the cabin and burned the building and contents. He informed the men that he did not intend to arrest them but used the only method he knew to show them that we mean business.

[illegible], Ranger, [illegible] approximately 1,000 4' [illegible] to the [illegible] of Little River.

[illegible]

Mr. [illegible] who has been in the park [illegible] making a collection and list of the flora and [illegible] from which previous reports have been made, left the park on August [illegible]. He is taking up his duties as the head of a survey of the plants of the State of Illinois. He has reported having found [illegible] plants in the park. The collection and card file of these plants needs further work and is being put in proper shape by him. He is planning to return in October for a little further work on the autumn plants.

600 Protection

610 Police Protection

On August 1[illegible] three cases were brought before U. S. Commissioner [illegible] of [illegible], Tennessee. All were charged with fishing in waters of the park closed to [illegible]. The following is reported:

[illegible], defendant. [illegible] This man was caught [illegible] in the [illegible].

[illegible], defendant. [illegible] Fine of $[illegible] and costs of $[illegible] assessed and paid by defendant.

[illegible], defendant. [illegible] A warrant will be issued and given to the U. S. Marshall for service, and [illegible] notified when his case will come up.

[illegible] August [illegible]. [illegible]

During the [illegible] Cove, [illegible] were stolen [illegible]. [illegible] the park.

620 Fire Protection

No fires occurred in or near the park during the month.

630 Accidents

[illegible], an [illegible] died August [illegible] from injuries received by the overturning of a truck on the [illegible] Highway [illegible].

900 Miscellaneous

During the month the Complete Prison Industry continued work on the removal of equipment from their mill in [illegible]. It is anticipated that it will take two more months to dismantle the mill and an additional two months to remove the wheel from Indian [illegible] and [illegible].

During the month [illegible] J. L. [illegible] the removal of heavy equipment from the mill to the [illegible] where [illegible] and piled and covered for safe keeping [illegible]. There remains one item, a locomotive, yet to be moved from the mill before this contract.

The mill was taken in the park from [illegible] the month. It was captured on [illegible] at noonset 4 by General [illegible] and a park resident, and [illegible] was taken into custody.

During the recent visit of Governor [illegible] of North Carolina to the park he expressed a desire to attend a game of Gaelic ball at the [illegible] Indian Lodge. The game proved to be very interesting and it was the opinion of all those present it is a combination of wrestling, prize fighting, and football. In comparison collegiate football is a pink tea affair.

A ball slightly smaller than a tennis ball is put in play at the center of the field. Each player has the ambition of carrying the ball the full length. The method, proper, of the use of the hands to propel the ball has not been determined. The ball may only be moved by the use of the feet but once retrieved may be carried in the hands. Once a player has the ball he is handled and the ball taken from his by force. An attempted College with the [illegible] teams the players were [illegible] and it was hard for the [illegible] to get [illegible] the ball quickly. I should like to see a good intercollegiate game.

Reports [illegible] received, and [illegible] received, during the month are attached.

Very truly yours,

J. [illegible] Smith,
Superintendent.

[illegible]

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

[illegible] National Park for the Month of [illegible], 1931.

	This Year	Last Year
Park revenue on hand beginning of month, ...	00	
Received, ...	163.50	
Total, ...	163.50	
Remitted, ...	163.50	
On hand close of month, ...	00	

Park revenues received this year to date, ...	[illegible]
Park revenues received last year to date, ...	00
Increase, ...	[illegible].30
Per cent of increase, ...	

(May. 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns National Park for the Month of August, 1931.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	7	19		
Number of additions	1	11		
Total	8	30		
Number of separations	0	18		
Number of employees close of month	8	12		
Number of promotions during month	0	0		
Aggregate amount of annual leave taken	22			
Aggregate amount of sick leave taken	0			
Aggregate amount of leave without pay	0			

Additions:

Chas. S. Dunn, Park Ranger, EOD Aug. 1

10-215
(July, 1928)

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service

45334

Great Smoky Mts National Park

REPORT OF NON-APPOINTED PERSONNEL
(TEMPORARY)

Changes outside the District of Columbia for the month of August 19 31

Total at beginning of month	Additions	Separations	Net Gain or loss (a)	Total at ending of month
19	11	18	-7	12

(a) If loss, indicate by minus sign.

10-23
May, 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mts. NATIONAL PARK

FILE No. 207-002.3

SEPTEMBER
MONTHLY REPORT

- - - - - - - - - - - - - - - -

J. R. Eakin, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.

All Files should be returned promptly to the File Room.

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HORACE M. ALBRIGHT,
Director

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
MARYVILLE, TENNESSEE

OFFICE OF THE SUPERINTENDENT

October 7, 1[illegible].

[illegible],
[illegible]
[illegible], [illegible].

Dear [illegible]:

Herewith report for Proposed Great Smoky Mountains National Park for the month of September:

000 General:

001 In the park

The weather has been unusually dry and if the drought continues we shall have a bad fire hazard before long. The following weather record was submitted by a volunteer observer at Elkmont:

[illegible] maximum	83	
" minimum	56	
"	67	
Maximum	92	Sept. 19
Minimum	54	" 29

Precipitation:

Total	1.43"	
Greatest in 24 hrs.	1.11	Sept. 3
Number of days with .01" or more precipitation	3	

There was much less precipitation in the approaches to the park and in nearby towns than in the park.

100 Administrative

110 Status of work

All administrative work is current. Our annual report was mailed on September 1[illegible]. The following leases have been approved:

[illegible], Sugarlands, [illegible].C.
Mrs. Walter Cook, [illegible], [illegible].C.
Otis Carver, [illegible], [illegible].
[illegible] Conner, [illegible], [illegible].C.
Mrs. [illegible] [illegible], [illegible], [illegible].C.

[illegible]

[illegible]

[illegible]

[illegible] [illegible] 2, 4, [illegible], 17, [illegible], [illegible], [illegible], [illegible] and [illegible].

[illegible]

I visited the [illegible], [illegible] Cataloochee and Big Creek sections in North Carolina. [illegible] applicants for [illegible] were interviewed and a [illegible] of [illegible] was [illegible].

[illegible]

[illegible]

[illegible]

		[illegible] and [illegible]	[illegible]
40/1[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	$ 3,711.[illegible]
[illegible]	[illegible]	[illegible].79	[illegible]
41/[illegible]	7,[illegible]	[illegible].73	[illegible]
[illegible]	[illegible]	3,[illegible].78	[illegible]
[illegible]	7,[illegible]	3,[illegible]	[illegible]

14) [illegible]

There seems to be no change in the local unemployment situation. [illegible] labor is available.

15) [illegible]

No equipment other than some trail tools was received during the month.

150 Status of eliminated lands

In the condemnation proceedings against lands owned by the Pisgah National Forest in the North Carolina section of the park, the jury [illegible] on award of $[illegible],034.1[illegible]. The company consists of [illegible] acres of timber lands, of which only [illegible],[illegible] acres have been logged, [illegible] miles of railroad, and ten [illegible] miles. This award should have a material result in securing low prices for the remaining timber lands to be acquired.

200 Maintenance, Improvements and Construction

230 Road construction

The North Carolina Highway Commission has [illegible] power shovels and a force crew of [illegible] men on the Cherokee-Gatlinburg project and the work is being vigorously prosecuted. The line working southward of the park has made the greatest in excellent progress. Indications further north obtained from a large complete plant will actually be used on this project and it will be surfaced with crushed limestone.

The North Carolina Highway Commission will shortly let a contract for rebuilding two miles of highway from [illegible], Tennessee, to the Tennessee-North Carolina line. The road from Hayesville to [illegible], Tennessee via Ocoee Gap is to be widened and improved. Thus by next spring the road along the western boundary of the park will be completed.

The Tapoco-Cheoah [illegible] miles road should have been in use [illegible] surfaced with crushed limestone.

Considerable progress is being made with the Ideal project. During the month on the Tennessee side of the park 17 miles of trails were constructed and on the North Carolina side of the park, [illegible] miles, a total of [illegible] miles of trails.

250 Landscape work

In [illegible] planting, [illegible] miles [illegible] and 12 [illegible] [illegible] of [illegible], and 4 [illegible] buildings were [illegible] by the [illegible] of [illegible]. In [illegible], each [illegible] did not [illegible] any old buildings. The [illegible] Park Foundation [illegible] Foundation with 19 groups of buildings in the park. [illegible] buildings have been removed from the landscape.

During the month the Dupont Fibre Company completed the work of [illegible] [illegible] equipment from their mill at [illegible]. Our share of this work, [illegible] with [illegible], was also completed during the month. At the present [illegible] the company is expected to [illegible] on their railroad [illegible] [illegible] and [illegible] and it is expected that this work will be completed within two years.

400 Plants, Fauna, and Natural Phenomena

420 Animal service

Trout fingerlings were planted as follows:

9,000 Rainbow, [illegible] of Little River
[illegible] Rainbow, [illegible] of Little [illegible]
[illegible], [illegible] of Little River

[illegible] effective [illegible] 1, [illegible] at the [illegible].

[illegible] of the [illegible] while [illegible].

[illegible]

[illegible] 11, [illegible] party of [illegible] in the [illegible] 4 [illegible] beer [illegible] and a [illegible] gallon still was brought in. [illegible] purposes, except that it is [illegible].

[illegible].

440 [illegible]

[illegible] 10 or 14 [illegible]. Adult, [illegible] were found [illegible].

4[illegible] [illegible]

[illegible] ruffed grouse [illegible].

[illegible] public

[illegible]

[illegible] a public [illegible] and several [illegible].

600 [illegible]

[illegible] Police protection

In [illegible] 1, three [illegible] were inflicted, 11, [illegible] McDonald, living in the [illegible] Creek, [illegible] a bee [illegible]. They were charged with [illegible] timber, endangering the woods with fire and destroying animal life. At a hearing before the U. S. Commissioner they paid all costs and [illegible] $1,000 bond.

On [illegible] 22, one [illegible] Richard, [illegible], appeared before U. S. Commissioner [illegible]. He was [illegible] to the charge of [illegible] a gun in the park. Mr. Ayers admitted the charge and stated that he did not know he was violating any rule. The Commissioner placed the case on the docket and in case of a second violation, sentence shall also be imposed in the first case.

620 Fire protection

No fires occurred in the park during September. Ranger [illegible] reported a fire outside the park on Redding Creek [illegible] on the 25th. This he stated was reported to State Forester and [illegible] and the supervisor [illegible]. On September 26, U. S. Deichler, North Coastal District Forester, and Assistant Chief Ranger Gordon [illegible] that the state of fire conditions had made many fires applicable and that they would increase the fire protection work in the entire Redwood Training section of the park. They plan to put up a petroleum [illegible] in the area during the fire season. Next spring we only had 3, but at least some [illegible] to the state and use by the service.

630 [illegible]

On September 20, 3 [illegible] were reported on [illegible] in the park. Inquiry is developed that they had [illegible] and [illegible] in [illegible] of the [illegible] it was first reported to Redwood Creek Ranger Station. A number of people [illegible] last this year and held [illegible] a [illegible] up here. We are planning to [illegible] additional [illegible] next spring.

640 [illegible]

[illegible] of [illegible] and [illegible] of [illegible] have not been [illegible].

Very truly yours,

[illegible] C. H. [illegible],
Superintendent.

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns National Park for the Month of September, 1951.

	This Year	Last Year
Park revenue on hand beginning of month, ...	00	00
Received.	465 80	00
Total, ...	465 80	
Remitted, ...	465 80	
On hand close of month, ...	00	

Park revenues received this year to date, ...	905 [illegible]
Park revenues received last year to date, ...	00
Increase, ...	905 00
Per cent of increase.	

(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns National Park for the Month of September, 1931.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	8	12	2	
Number of additions	0	52	0	
Total	8	64	2	
Number of separations	0	39	0	
Number of employees close of month	8	25	2	
Number of promotions during month	0	0		
Aggregate amount of annual leave taken	0			
Aggregate amount of sick leave taken	0			
Aggregate amount of leave without pay	0			

10-215
(July, 1928)

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service

45334

Great Smoky Mtns National Park

REPORT OF NON-APPOINTED PERSONNEL
(TEMPORARY)

Changes outside the District of Columbia for the month of September 1931

Total at beginning of month	Additions	Separations	Net Gain or loss (a)	Total at ending of month
12	52	39	13	25

(a) If loss, indicate by minus sign.

CHIEF CLERK'S COPY

10-23
May, 1930

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns NATIONAL PARK

FILE NO. 207-002.3

OCTOBER
MONTHLY REPORT

- - - - - - - - - - - - - - - - -

J. R. Eakin, Superintendent

IMPORTANT

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 6—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
MARYVILLE, TENNESSEE

OFFICE OF THE SUPERINTENDENT

[illegible] 1, 1[illegible].

[illegible] Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for proposed Great Smoky Mountains National Park for the month of October:

000 General

001 General weather conditions

[illegible]

021 In the park

The following is a weather report of an observer at Elkmont:

Daily maximum	70	
Daily minimum	42	
Mean	[illegible]	
Maximum	[illegible]	Oct. 7
Minimum	[illegible]	" 16

Precipitation

Total	[illegible]
Greatest in 24 hrs.	1.[illegible] Oct. [illegible]
Number of days with .01" or more precipitation	3

100 Administrative

110 Status of park

All administrative work is current.

[illegible] the main Indian [illegible]. In the [illegible] watershed trails were completed [illegible]. [illegible] and Willis [illegible] and also a trail up the [illegible] Creek [illegible] which the crew was left off for the season. It is planned to extend the balance of trail [illegible] the [illegible] line trail [illegible] Creek.

On the Tennessee side it is estimated that 46 miles of trails [illegible] to bring the total, [illegible] miles of trails on this side of the park.

[illegible] Protection of other resources in the park

[illegible] Cherokee Indian Reservation

During the month the Cherokee Fibre Company practically wound up its work in the park area. Its [illegible] completion of the task of removal of the steel [illegible] which collapsed between Bryson and Deserted. They also plan to remove some of the trestles to prevent the danger of damage in case they were washed downstream by high water.

Under a cooperative agreement with the State under which we will furnish the materials and State crews on the North Carolina side will do the work, we expect to put some 8 bridges on the Deep Creek auto trail re-floored during the month of September.

540 Legislation affecting park

It has been previously reported that a jury in the Deal Oliver condemnation case returned in favor of [illegible]. Oliver's asking price was [illegible]. The Government [illegible] Oliver's appeal and filed in opposition [illegible] to the Circuit Court of Appeals, despite the fact that Oliver's attorney stated on argument that [illegible] had been presented [illegible] and had been previously ruled upon by the Supreme Court, but the case that Oliver's attorney had [illegible] against the Giant [illegible] claim to appeal on the same points previously presented. This stipulation was [illegible] by the Court Commissioner's attorneys but without success.

600 Fish, Game, and Game Preserves

610 Hatchery service

[illegible] that no [illegible] were stocked in the [illegible] in the [illegible] of 1941. In October of 1941 the Bureau of Fisheries and three [illegible] Conservation [illegible] at the Bryson City [illegible]. The trout were put out in the main stream [illegible] Creek and in [illegible] Creek, tributaries of Deep Creek. The rainbows were mostly put out in sloughs along the main stream from the mouth of Deep Creek to Indian Creek. A fairly accurate count was made of the fish planted by watching which was quite disappointing in that it showed only approximately 4,000 rainbows and 2,000 brook, or a total of 6,340 out of the [illegible] fry alleged to have been delivered to us by the Bureau of Fisheries, of which [illegible],100 were rainbows and [illegible] were brook. The fish were in poor condition when received and at the time it was estimated that 10% were almost dead when received or would die during the first week in the ponds. It is our belief that crows and cannibalism account for loss of the balance of the fish.

work during the month. To date we have taken up leases with all who are entitled to or want them on the North Carolina side of the park.

490 Miscellaneous

On October 12 Assistant Chief Ranger Baugh sent a collection of autumn leaves to the Yorktown Celebration. While the season was too early for a good representation he succeeded in shipping about 25 kinds, together with about a dozen specimens of the Umbrella tree or Big Leaved Magnolia. A letter of acknowledgment of their arrival in excellent condition was received from Dr. Bryant.

600 Protection

620 Fire protection

On October 19 the State of North Carolina placed 5 men on fire patrol duty in the Haywood County section of the park. Two of these are on duty on the Big Creek section, two on Big Cataloochee and one on Little Cataloochee. Under a cooperative arrangement the State will pay the patrolmen and the Service the cost of fire fighting, if any. On October 1, C. A. Boles of Smokemont, former superintendent for the Champion Fibre Company, was placed on our rolls as patrolman on the Oconaluftee area at $60 per month. On October 24 and 27 patrolmen were placed on the Noland and Twentymile Creeks sections respectively. Effective November 1 patrolmen will be put on the Hazel Creek and Ravensford sections which will complete the fire prevention personnel on the North Carolina side for the full fire season.

The first fire of the full fire season on the North Carolina side occurred on October 22. It broke out on Sharp Top Ridge due north of Bryson City at 1 p.m., and at the time Ranger Thompson was on the Oconaluftee River. It was fought by park residents and a trail crew until 8 a.m. the morning of the 23d. During the following forenoon it broke out again and the trail crew went back and stayed with it until the evening of the 24th when it was thought to be out again. Sunday Patrolman Woody reported that with the exception of a few smouldering stumps all was out. However, early Monday afternoon, the 26th, it broke out again but Woody who was patrolling got it under control before the trail crew arrived and started trenching. Tuesday they spent trenching and carrying water from a point over a mile distant in an effort to water it out. Wednesday morning, the 29th, it was finally completely extinguished by a heavy rain. This fire was most difficult to fight because inaccessible and because of the steepness of the slope causing a continual rolling of embers over the fire line below. The cost of suppression was $71.45. It is believed to have been of incendiary origin. While it burned over 35 acres it did comparatively little damage to the timber and at a place where it will never be seen.

On the Tennessee side of the park 9 men were placed on patrol duty during the month. One fire occurred in the park on the Tennessee side, and 3 others were fought by our men when they threatened to burn into the park. The total expense of suppressing the fire that occurred inside the park area on State owned land was 38.45.

On the North Carolina side of the park 15 old worthless buildings were given away for removal and cleanup, while on the Tennessee side 8 old houses and a barn were razed and given away as fuel.

Word has reached the office that Mr. Bryant was much amused because the capture of a still was listed under "Damage" in our September report. Assistant Chief Ranger Hough reports the still is an unusually fine specimen and he stored it for a future museum exhibit.

It was brought to our attention during October that inasmuch as the regular U. S. Prohibition Agent in charge of the Cosby region was busy attending court at Greenville and probably would be busy there for several weeks, a number of stills were operating in comparative safety. This matter was reported to the Deputy Prohibition Administrator at Knoxville which resulted in some immediate action. On October 14, the day following my letter to Mr. Cate, Assistant Chief Ranger Hough was on the Cosby road talking to Patrolman Ramsey when a charge of dynamite went off a mile or so down the road with a roar that could be heard for miles. A dynamite blast in this country is a signal to the moonshiners or "blockaders" as they are called locally, that "The law" is coming. In a few minutes a car came along at high speed bearing Mr. Pat Lewis, the Agent, who was supposed to be in Greenville, and a couple of assistants. They slowed down and asked Mr. Hough and Mr. Ramsey to come along as they had sighted one "a-boiling" just over the hill. By the time of arrival at the still the blockaders of course had had ten minutes' notice and were gone, along with the liquor that had recently been made. A 150 gallon still which had just been fired up for a new run was found completely equipped. Eighteen barrels of rye beer in various stages of fermentation were broken up and burned. The still was removed to Newport, where after hooking up was sold as junk. The above named prohibition officer destroyed 10 such stills within a few days of this incident just outside the park boundary.

I left for Washington December 18 on official business and was in the Director's office the remainder of the month.

Reports of last revenues, personnel and educational projects are attached.

Very truly yours,

J. R. Eakin,
Superintendent.

JRE/h

(Rev. 1931)

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

[illegible] National Park for the Month of [illegible]ctober, 1[illegible]1.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	8	25	2	
Number of additions	0	49	0	
Total	8	74	2	
Number of separations	0	54	0	
Number of employees close of month	8	20	2	
Number of promotions during month	[illegible]	0		
Aggregate amount of annual leave taken	15			
Aggregate amount of sick leave taken	0			
Aggregate amount of leave without pay	0			

10 160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns National Park for the Month of October, 1931.

	This Year	Last Year
Park revenue on hand beginning of month, ...	00	
Received, ...	996 00	
Total, ...	996 00	
Remitted, ...	996 00	
On hand close of month, ...	00	

Park revenues received this year to date, ...	1 699 00
Park revenues received last year to date, ...	00
Increase, ...	1 699 00
Per cent of increase, ...	

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of October, 1931.

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
501 Trail Construction	76.3	24.8	24.8	Apr. 1, 1932

Practically all trail workers laid off until coming spring.

May, 1930

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns NATIONAL PARK

FILE NO. 207-002.3

NOVEMBER
MONTHLY REPORT

- - - - - - - - - - - - - - - -

J. A. Eakin, Superintendent

IMPORTANT

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE: 1931 O—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
OFFICE OF THE SUPERINTENDENT
MARYVILLE, TENNESSEE

December 5, 1931.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for Proposed Great Smoky Mountains National Park for the month of November:

000 General

020 General weather conditions

Extremely dry conditions prevailed in the park during November until the 25th day. No rain had fallen in the Gatlinburg area since October 28, which was the only rainy day in about ten weeks' time. This extreme drought for this country caused many streams and springs to go dry that had never before been dry in the memory of old men. This drought was more severe at the east end of the park. Our Cosby patrolman stated that Cosby Creek was bone dry in places where they had always been able to catch trout. On Tuesday, November 17, we had the first Mountain Wind storm of the winter, which contrary to custom failed to bring rain. These strong and warm winter winds almost invariably produce heavy rains but failed on this occasion. They always come from the south and are strong enough to break off and tip over large trees. These storms no doubt account for the fact that the mountain folks always built their cabins in the most protected locations. In December 1930 one of these storms blew down 35 trees across the Indian Gap Highway, and turned over a 3-car garage at Elkmont, which is evidence of its force.

021 In the park

The following is a weather report of an observer at Elkmont:

Mean maximum	66	
" minimum	39	
"	51	
Maximum	77	Nov. 14-17
Minimum	22	" 7

Precipitation

Total	1.09"	
Greatest in 24 hrs.	.88"	Nov. 30
Number of days with .01" or more precipitation	3	

100 Administrative
[illegible] inspections by
125 National Park Service officers

Assistant Chief Engineer Oliver G. Taylor arrived November 6 to take up engineering study of the park. He was accompanied by [illegible], Photographer. Charles [illegible] Peterson, Asst. Landscape Architect and Arthur [illegible]. Miller, Sanitary Engineer, Public Health Service, arrived November 9. Mr. Miller left Nov. 17; Mr. [illegible] left Nov. 27; Mr. Peterson left Nov. [illegible] and Mr. Taylor left Nov. 29. The party was handicapped by poor visibility on account of forest fires and by rain and fog the last few days. On only two days was the visibility satisfactory for photographing distant views.

On Nov. 9 we drove to Gatlinburg and inspected that vicinity. Nov. 10, we drove to Newfound Gap, hiked to Clingmans Dome, Andrews Bald, and the head of Noney Creek. On Nov. 11, Cookeman, the road from Cookeman to Newfound Gap, the Oconaluftee River Section including Davenport, were inspected. The entire day of Nov. 12 was spent in the Deep Creek country. On Nov. 13, we drove from Bryson City to Deals Gap over the poor road skirting the south boundary of the park and thence to Maryville. On Nov. 15 we drove to Cades Cove and looked over the Cove. On Nov. 16 we rode horses to Thunderhead Mountain thence west along Great Smoky to Hannatelee Gap and down Hannatelee Creek. On Nov. 17 we rode to Gregory and Parsons Balds, thence east to Hannatelee Gap, thence down Hannatelee Creek to Billie Myers. We returned to Maryville that night.

On Nov. 18 we drove to Knoxville via the Knoxville-Asheville highway. On Nov. 19 Supervisor Mat.ocm took us through the Smoky National Park. On Nov. 20, in the morning we were shown through the Biltmore estates. In the afternoon we conducted North Carolina Park Commission officials. District Engineer Walker of the North Carolina Highway Commission, District Engineer Burchard of the U. S. Geological Survey, the weather observer at Asheville and several others were also conducted. On Nov. 21 we returned to Maryville via Waynesville, Bryson City, Robbinsville, Santeetlah Lake and Deals Gap. At Waynesville we met several prominent men.

On Nov. 22 the day was spent in the vicinity of Gatlinburg and Elkmont. On Nov. 23 we visited the Cosmbrier and Cosby sections of the park, spending the night at Gatlinburg. On Nov. 24 we drove to Newfound Gap, thence to Cookeman, Davenport, and up Devil Fork to Big Cove. The night was spent at Waynesville. On Nov. 25 we took a railway speeder at Nantahala, N.C., and went to the end of the Nantahala Lumber Company's railroad. On the return trip we walked along Flat Creek and climbed to Saintrys and Flat Creek Balds. On Nov. 26 we drove from Waynesville to Maryville via Cataloochee Creek, Big Creek, Mt. Sterling, Cosby Creek and Gatlinburg. On Nov. 27 we again went carefully over the Sugarlands. Inclement weather prevented further field work and the scheduled hike to Mt. Le Conte was called off.

On Nov. 28 we had luncheon in Knoxville with Colonel Chapman, Mr. T.A. Jamison and Architect Chas. I. Barber. The Service has been previously advised that Mr. Barber is eager to serve as Consulting Architect, without pay.

some representative sections of the park, have secured enough data to prepare a preliminary development outline and a report. Everywhere we received the utmost courtesy and helpfulness. As one prominent citizen of Gatlinburg remarked, "We are all working for the park without salary."

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
40/1406	$ 1,121.35	1,121.35	00
40/1420	29,700.00	23,949.23	5,750.77
41/2425	12.75	12.75	00
41/2426	7,800.00	1,956.42	5,563.58
41/2430	23,400.00	19,385.31	4,015.69*
42/153	7,400.00	5,890.72	1,509.28

* $409.32 expended from this fund for Fighting Forest Fires.

160 Status of alienated lands

On November 2 a very impressive ceremony was held in Secretary Wilbur's office in Washington at which the States of Tennessee and North Carolina presented 158,843.2 acres of land to the Government. There had been previously presented 138,876.5 acres; thus there are now 297,719.7 acres of the park under Federal administration and protection.

200 Maintenance, Improvements and New Construction

230 New Construction

About 6 miles of trails were added to the trail system during the month, and all trail areas have been laid off until spring. Several bridges were repaired on Indian and Deep Creeks, the State of North Carolina furnishing the labor and the park, the material. North Carolina is repairing the telephone line from Bryson City to Gatlinburg.

260 Landscape work

On the Tennessee side of the park 18 buildings were sold by the Park Commission, and removed from the park during the month. Eighteen buildings were also sold during the month of October, not having been previously reported.

300 Activities of other agencies in the park

340 Legislation affecting park

On Saturday, 28 Governor Horton of Tennessee called a special session of the Legislature, primarily to provide revenue, but he also named the executive legislation sought by the Tennessee Park Commission in the call. If the revenue measures can be disposed of in time to permit the park bills to be called up, it is believed the necessary legislation will be passed.

400 Flora, fauna, and natural phenomena

410 Ranger service

5000 fish were removed from the Deep Creek rearing pond and planted in streams on the North Carolina side of the park. It is estimated that 1,000 fish might have been left in the pond and in branches flowing into the pond which shows but a survival of about 8% of the 50,000 fish that have been planted in this rearing pond. The kingfisher was the greatest enemy. 27 kingfishers were killed during the period that the fish were in the pond. The fish averaged 2½" in length. A marked unevenness in growth was noted. No deformities showed up.

500 Use of park facilities by the public

530 Visitors

Mr. Frank C. Bonder, Department of Zoology, Field Museum of Natural History, Chicago, Illinois, spent a week in the park during the month. He was engaged in collecting specimens of mice for the museum, and reported rather poor results because of the dry conditions.

600 Protection

610 Police protection

The following cases were brought up in federal court at Bryson City, N. C., November 23 and 24:

Arnold Cable, Ellis Cable and Lonnie Reabold of Fontana, N. C. charged with hunting on park land and having guns in their possession were let off and given their guns back on the strength of having already paid a $15.50 fine for the same offense in State court.

Jeff Hunnicutt, charged with hunting on park land was let off on the strength of his own statement that the gun which he had in possession when found belonged to another member of his party. The Court suggested that a warrant be taken out for the other man.

Gill Macdonald, Newt Macdonald and Wade Macdonald, all of Cherokee, N.C., charged with cutting a bee tree on park land had judgment deferred until next term of court. The Judge doubted the court's jurisdiction on the land in question in that at the time the offense was committed title had not been officially accepted by the United States.

630 Fire protection

On the North Carolina side during the high fire hazard two additional patrolmen were put on duty beside the regular fire personnel. It appeared at the end of this month that the fire hazard is now over until spring. A list of the fires in the park during the month follows:

Name	Date	Acres burned	No. of men	Cost
Tennessee side:	Nov.			
Blair Branch	6	2	8	$1.90

Name	Date	Acres burned	No. of men	Cost
Jones Ridge	6	6	12	$53.90
Potato Mountain	6	2	6	6.20
Fairview	13	16	6	22.40
East Prong	15	1	2	.40
Chestnut	15	4 *	20	43.80
Myrtle Point	16	5	7	23.80
Riding Creek	17	750	40	54.40
Big Grapevine	24	15	12	44.80
North Carolina side:				
Buck Knob	6	80 *	2	1.80
Lands Creek	7	1000 *	6	33.57
Camp #4	9	30	2	1.00
Big Branch #	19	600	15	93.80

* These fires did not enter park lands, and the burned acreage shown was outside the park boundary. # A complete report of Big Branch fire has not been received as this fire was fought by State Wardens who are being paid by the State of North Carolina. The cost as well as acreage burned seems far too great and a complete investigation is being made.

The big fire on Riding Creek broke out during a Mountain Wind storm at 10 o'clock at night. The wind was reported as having a velocity of from 60 to 70 miles per hour. By 2.30 a.m. when the wind subsided this fire had been driven a mile and a half to the park boundary and a mile and a half beyond. That this fire leaped over most of the small valleys, in one case at least one quarter of a mile, is evidence of the high wind condition. Many trees went down in the burned area. The men did good work in back-firing the western edge and thus prevented its entering the drainage of Cosby Creek. At least two homes were burned in the park. Practically the whole population worked on this fire for two days, most of them free of charge. The fire burned hardest on the exposed ridges, killing some pine timber, perhaps 50 percent. There is evidence in two or three places of 40 acre each that this fire crowned out, the only case of which is known in the park region. The worst place is outside the park line.

640 Predatory Animals

Several hounds were removed from the park and returned to their owners.

900 Miscellaneous

A still was captured on lower Bradley Fork November 16 but the owner escaped.

I was in Washington, D. C. on official business November 1-5, inclusive.

Reports of park revenues, personnel and authorized projects are attached.

Very truly yours,

J. R. Rakin,
Superintendent.

10-1
(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns National Park for the Month of November, 1931.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	8	20	2	
Number of additions	0	95	0	
Total	8	115	2	
Number of separations	0	95	0	
Number of employees close of month	8	20	2	
Number of promotions during month	0	0		
Aggregate amount of annual leave taken	2			
Aggregate amount of sick leave taken	0			
Aggregate amount of leave without pay	0			

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great [illegible] National Park for the Month of November, 1[illegible].

	This Year	Last Year
Park revenue on hand beginning of month, ...	00	
Received, ...	100 00	
Total, ...	100 00	
Remitted, ...	100 00	
On hand close of month, ...	00	

Park revenues received this year to date, ...	1 805 00	
Park revenues received last year to date, ...	00	
Increase, ...	1 8[illegible] 00	
Per cent of increase, ...		

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns..... National Park for the Month of November, 1931. .....

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
481 Maintenance of Structures	100	0	0	Sept. 16, 1931
501 Trail Construction	79.6	3.3	24.8	Apr. 1, 1932

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great [illegible] NATIONAL PARK

FILE NO. 207-[illegible].3

DEC[illegible]R
MO[illegible]LY REPORT

- - - - - - - - - - - - - - - -

J. A. [illegible]in, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.

All Files should be returned promptly to the File Room.

Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
MARYVILLE, TENNESSEE

OFFICE OF THE SUPERINTENDENT

January 9, 1932.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for Proposed Great Smoky Mountains National Park for the month of December:

000 General

020 General weather conditions

Precipitation for the park, country nearby, and adjoining states was above normal. The weather has been mild and as a result there has been very little snow even in the mountains and what snow that fell soon disappeared.

021 In the park

The following is a weather report of an observer at Elkmont:

Mean maximum	60	
" minimum	34	
"	49	
Maximum	75	Dec. 12
Minimum	24	" 8

Precipitation

Total	10.37"	
Greatest in 24 hours	2.05"	Dec. 31
Number of days with .01" or more precipitation	8	

100 Administrative

110 Status of work

All administrative work is current.

121 Inspections by superintendent

I was ordered to the Proposed Shenandoah National Park in connection with the necessity of reducing the area and was on this work December 6-13, inclusive. I was on leave December 14-31 inclusive during which period I visited Wakefield, Yorktown, Williamsburg, and some of the old Colonial homes on the James River.

	Allotment	Expended and Obligated	Unexpended Balance
40/1430	$29,700.00	$25,949.89	$3,750.11
41/[illegible]	1[illegible].75	12.75	00
41/2400	7,500.00	2,259.33	5,240.67
41/2120	23,400.00	19,[illegible].09*	3,640.[illegible]
42/133	7,400.00	5,[illegible].72	1,[illegible].28

* $497.10 expended from this fund for Fighting Forest Fires.

150 Equipment and supplies

A typewriter stand for Ranger Dunn and 50 Fire rakes for the park were received during the month.

200 Maintenance, Improvements and New Construction

240 Improvement of approaches to park

[illegible]. [illegible]. Marsh, Resident Engineer, North Carolina Highway Department, at my suggestion, made a reconnaissance for a road junction at Newfound Gap in the event it is decided to build a road west along the State line. He also outlined the road he is building from Cookemont to Newfound Gap on the aerotopographic map of the lands formerly owned by the Champion Fibre Company. This map is to be incorporated into the map of the park.

300 Activities of other agencies in the park

330 Concessions non-governmental agencies

The Champion Fibre Company had 2 old railroad trestles removed, sawed down, one at Cookemont and one across from the Cling Camp place on the Pigeon-Luftry River. These were removed as a matter of precaution to prevent their being washed down stream by high water and causing damage.

The State road crew repaired a bridge on Indian Creek which was undermined by a recent flood of high water.

Posts and brackets were set by laborers furnished by the Highway Commission and are now in readiness for wire stringing on the Cookemont telephone line. No more work was done on this line for the reason that an over-abundance of bad connections exist on the lower end of the line between Cherokee and Ela, and until this is remedied no service can possibly be obtained. The Bell Telephone Company, whom Mr. [illegible]man understood were to fix this lower end, have postponed this work and may have to abandon it altogether, depending on a pending deal between them and the present owners of the line. A complete survey of this entire line has been made and we will have to put in about 2 miles of new line to make the circuit satisfactory on the Cookemont end.

340 Legislation affecting park

On December 4, corrective legislation sought by the Tennessee Great Smoky

Mountaineer Park Commission passed the State Legislature. All lands within the approved boundary may now be condemned, the period of condemnation is extended 2 years, and lands acquired by the Commission which are not needed for the park may be sold.

400 Flora, fauna, and natural phenomena

410 [illegible] surveys

Colonel [illegible] asked [illegible] whether or not he would be able to [illegible] a 800 deer [illegible] had taken up on a farm 6 miles out on the Clinton [illegible] outside the park. After a trip to the farm on which the deer is located, Colonel [illegible] was informed that with the use of a trap during a heavy snow the deer might be captured and placed in the park area.

There is a great deal of poaching on park lands and our small staff of rangers can do little to stop it. It is physically impossible for 4 men to patrol [illegible],000 acres, especially when it is considered that there is a dense population around the park and many people are residing in the park.

[illegible] Ingersoll devoted his time to getting rid of several squatters who were entitled to vacate [illegible] lands, fire investigation, bridge repair, telephone line construction, and the settlement of various questions coming up through leaseholders and prospective leaseholders.

420 Animals

At least 4 deer were killed during the month on the [illegible] tract which has not yet been acquired. Another deer presumably from this tract was run into [illegible] by [illegible]. It was put into an inclosure and died. Apparently my estimate of there being only 3 deer in the park area was [illegible]. The [illegible] when I [illegible] reliable [illegible] one heard of 7 deer.

It is reported that 4 bears were killed in the [illegible] and [illegible] hollows and on the Creek. [illegible] participation [illegible] these [illegible]. I have reliable information that bear dogs were started at [illegible] in the Little River Leader Ranger's organization and that the bear was killed in Pendleton County. [illegible] if I can secure enough evidence to [illegible] further into [illegible].

Other than the destruction by foxes and cats of a few birds and rabbits, no other damage has been noticed and it is believed that trapping should be done for foxes, cats and skunks.

500 Protection

510 Fire protection

No fires occurred in the park during the month of December. The time of 2 fires that occurred in November had been held up for further investigation due to [illegible] below in charge of the areas and the report of same follows:

Area	Date	Acres burned	No. of men	Cost
Sliding Creek	Nov. 21	750	8	$17.00
[illegible] Creek	" 18	700	20	50.00

A still was captured on Bradley Beach this month by Deputy Sheriff Arthur Hales. Two park residents were witnessed operating the still but have not been apprehended as yet.

Reports of park revenues, personnel and unauthorized projects are attached.

Very truly yours,

J. H. Bakin,
Superintendent.

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

[illegible] National Park for the Month of [illegible], 1[illegible]

	This Year	Last Year
Park revenue on hand beginning of month, ...		
Received, ...	[illegible]	
Total, ...	1[illegible]	
Remitted, ...	1[illegible]	
On hand close of month, ...	[illegible]	

Park revenues received this year to date, ... 1[illegible]

Park revenues received last year to date, ... [illegible]

Increase, ... [illegible]

Per cent of increase, ... [illegible]

May 1971

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

[illegible] National Park for the Month of [illegible], [illegible].

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	[illegible]	[illegible]	[illegible]	
Number of additions	[illegible]	[illegible]	[illegible]	
Total	[illegible]	[illegible]	[illegible]	
Number of separations	[illegible]	[illegible]	[illegible]	
Number of employees close of month	[illegible]	[illegible]	[illegible]	
Number of promotions during month	[illegible]	[illegible]		
Aggregate amount of annual leave taken	7[illegible]			
Aggregate amount of sick leave taken	[illegible]			
Aggregate amount of leave without pay	[illegible]			

[illegible]:

[illegible], [illegible]	[illegible] 11-[illegible]	1[illegible]
[illegible], [illegible]	1-[illegible]	[illegible]
[illegible], [illegible]	[illegible]-1	[illegible]
[illegible], [illegible]	[illegible]-1	[illegible]
[illegible], [illegible]	[illegible]-1	[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

[illegible] National Park for the Month of [illegible], [illegible]

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
[illegible]	1[illegible]0	0	0	[illegible], 1[illegible]1
[illegible]01 Trail Construction	7[illegible]	0	[illegible]	[illegible] 1, 1[illegible]

November 18, 1931.

Mr. J. [illegible]. Coffman,
Fire Control Expert,
333 Hilgard Hall, U. of C.,
Berkeley, California.

Dear Mr. Coffman:

The following is a copy of that portion of my October report pertaining to the fire situation in this park during that month.

"On October 19 the State of North Carolina placed 5 men on fire patrol duty in the Haywood County section of the park. Two of these are on duty on the Big Creek section, two on Big Cataloochee and one on Little Cataloochee. Under a cooperative arrangement the State will pay the patrolmen and the Service the cost of fire fighting, if any. On October 1, C. [illegible] Coles of Smokemont, former superintendent for the Champion Fibre Company, was placed on our rolls as patrolman on the Oconaluftee area at $60 per month. On October 24 and 27 patrolmen were placed on the Roland and Twentymile Creeks sections respectively. Effective November 1 patrolmen will be put on the Hazel Creek and Stevensford sections which will complete the fire prevention personnel on the North Carolina side for the fall fire season.

The first fire of the fall fire season on the North Carolina side occurred on October 23. It broke out on Jenny Top about due north of Bryson City at 1 p.m., and at the time Deeper [illegible] was on the Oconaluftee River. It was fought by park residents and a trail crew until 2 a.m. the morning of the 23d. During the following forenoon it broke out again and the trail crew went back and stayed with it until the evening of the 24th when it was thought to be out again. Jenny patrolman finally reported that with the exception of a few smouldering stumps all was O.K. However, early Monday afternoon, the 26th, it broke out again but Jenny Top and patrolling got it under control before the trail crew arrived and started trenching. Monday they went trenching and carrying water from a point over a mile distant in an effort to water it out. Wednesday morning, the 28th, it was finally completely extinguished by a heavy rain. This fire was very difficult to fight because inaccessible and because of the stubborness of the local musical continual rolling of members over the fire line below. The cost of suppression was $71.40. It is believed to have been of incendiary origin. While it burned over 55 acres it did comparatively little damage to the timber and at a place where it will never be seen.

"The Tennessee side of the park by men were placed on patrol duty during the month. One fire occurred in the park on the Tennessee side, and 3 others came down to our line and then threatened to burn into the park. The total expense of suppression on the fire that occurred inside the park area on State owned land was $32.43."

Reports covering the 2 fires that occurred in the park area are attached.

Sincerely yours,

J. R. Eakin,
Superintendent.

Inclosure 53175.

August 15, 1931.

Mr. J. D. Coffman,
Fire Control Expert,
333 Hilgard Hall, University of California,
Berkeley, California.

Dear Mr. Coffman:

Below is an outline of the Superintendent's monthly report for July pertaining to fire protection in this park.

"There were no fires in the park. One fire on Little River near the park boundary burned 7 acres. Park forces extinguished it at a cost of $18.75. In reporting on this fire Assistant Chief Ranger Hough states two wardens discovered this fire independently and both took crews to the fire thus explaining the high cost."

Sincerely yours,

J. R. Eakin,
Superintendent.

TJR, SDA.

July 9, 1931.

Mr. J. D. Coffman, Fire Control Expert,
Field Educational and Forestry Headquarters,
333 Hilgard Hall, University of California,
Berkeley, California.

Dear Mr. Coffman:

There is submitted below for your information a copy of that portion of my monthly report relating to fire protection.

"For the third month in succession no fires have been reported on the North Carolina side of the park.

"On the Tennessee side of the park, one fire has been reported as having occurred June 6-7, as follows:

Location	Area Burned	Men	Cost
Bote Mountain	40A Park woodlands	7	$27.96

"The warden in charge reported that he made an investigation as to the cause of this fire but no clues were obtained.

"Tennessee is without funds for fighting forest fires and the recent session of the Legislature failed to appropriate money for this purpose. One fire on the North Face of Chilhowee Mountain burned five days and covered about 1,000 acres. Not a man was on this fire. It was finally extinguished by rain."

Very truly yours,

J. R. Eakin,
Superintendent.

JRE/R

June 5, 1931.

Mr. J.D. Coffman, Fire Control Expert,
Field Educational and Forest Headquarters,
333 Hilgard Hall, University of California,
Berkeley, California.

Dear Mr. Coffman:

There follows that portion of my monthly report for May relating to Fire Protection:

"For the second month in succession there were no fires in the North Carolina section of the park.

"On the Tennessee side there were 2 fires in the park and three outside and near the park. The list follows:

Name	Location	Acres		Men	Costs
Happy Valley	In Happy Valley	?	outside park	8	$10.50
Morgan Hollow	Near Line Springs	2	" "	6	5.00
Cane Creek #2	Hesse Creek Valley	700	" "	7	20.00
Sinks	On Loop Road	100	Park lands	14	71.50
Left Fork	Greenbrier Cove	4	Private land in park	5	7.20
				40	$114.20

"The fire at the Sinks was the most serious in the park this year and Asst. Chief Ranger Hough is convinced it was set by moonshiners to cover up their activities. He was advised a still was located about one half mile from the fire and raided it. The still was brought to Gatlinburg and Secretary Wilbur took it along as a souvenir of the Great Smokies. Three barrels of mash and 4½ gallons of liquor were poured out.

"The area burned by this fire was due to gross carelessness. The patrolman was notified of this fire at 9.20 p.m. He did not start for the fire until 5 o'clock the next morning. He claims he was not notified until after midnight. Even then the fire was trenched when it had burned only 15 acres. The patrolman left the fire at 11.00 a.m. with the entire crew and stated it was dead. It flared up in the afternoon when practically all the damage was done. The patrolman was discharged."

Very truly yours,

J. R. Eakin,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

June [illegible], 1931.

Superintendent Ross Eakin,
Great Smoky Mountains National Park,
Maryville, Tenn.

Dear Mr. Eakin:

We are in receipt of a copy of Chief Clerk Holmes' letter to you of May 26 regarding the routing of Superintendents' reports to your office.

The March and April Superintendents' reports have not as yet been returned to this office and they are being circulated at the present time. Your name appears on the list to receive these reports and you should be getting the March report before long.

Sincerely yours,

Guy D. Edwards

Guy D. Edwards
Acting Superintendent.

Great Smoky Mtns National Park,
Gatlinburg, Tenn.

April [illegible], 1941.

Mr. Philip R. Hough,
Assistant Chief Ranger,
Gatlinburg, Tenn.

Dear Mr. Hough:

In looking over your report for March I find that you have made no reference as to the area of the four fires in your district. We cannot hold the report up any longer and it has gone forward without this information but you must be sure to state this information in your reports in the future.

I also notice that you state a few shacks were destroyed. The number of the buildings destroyed must be included in our reports, and whether they are destroyed by you or the State.

Very truly yours,

J. R. Eakin,
Superintendent.

JRE/R

THE DIRECTOR NATIONAL PARK SERVICE
WASHINGTON D C

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

Superintendent,
Great Smoky Mountains National Park,
Maryville, Tenn.

Sir:

Receipt is acknowledged of your letter dated March 17, 1931, relative to routing of the Superintendent's Monthly Reports.

Please be advised in this respect that a copy of your report should be forwarded to Yellowstone each month.

A new office order is in course of preparation at this time, covering revised instructions for submission of Superintendents' Monthly Reports, and your park has been included in the routing list so that you will receive the circulating bound copy of the reports which is made up at Yellowstone and routed to a number of the other parks from that point.

Copies of the revised instructions will be forwarded to all field stations as soon as ready for distribution.

By direction of the Director.

Sincerely yours,

E M Holmes

Chief Clerk.

Great Smoky Mtns National Park,
Maryville, Tenn.

March 17, 1931.

To The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

While we have relatively little of importance to report we shall submit a monthly report nevertheless.

Is it your desire that a copy of the Monthly Report be forwarded to Yellowstone Park in order that it might make the rounds of the Park, the same as other park reports?

We would very much appreciate it if monthly reports of all parks were routed through this office.

Very truly yours,

J. R. Eakin,
Superintendent.

JRE/R

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

January 3, 1931.

Sir:

The Department has requested this office to furnish a monthly statement of expenditures for salaries and wages in the field service beginning with the month of December 1930, such reports to be submitted not later than the 15th of the month following the one upon which the report is made. They request that the figures be separated as to permanent and temporary, and in order that there may be complete information concerning the fiscal year 1931 salaries and wages, a report of the total for the first half of the fiscal year.

In order that we may make a report to the Department, you are requested to furnish the following information by letter or wire so that it reaches this office not later than January 14, 1931:

1. Amount expended for permanent employees 7/1/30 to 11/30/30 $_____

2. " " " temporary " " " " $_____

3. " " " permanent " December 1930 $_____

4. " " " temporary " " " $_____

Hereafter you are requested to advise this office each month of the expenditures for permanent employees paid from all allotments made to your office, and the expenditures for temporary employees, beginning with the month of January 1931. This information shall be submitted by letter or wire so that it reaches this office not later than the 14th of the month following the one upon which the report is made.

Sincerely yours,

A. E. DEMARAY

Acting Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
G.S.M.
..... NATIONAL PARK

FILE NO. 609-11

Cook, Belle Greer, et al

IMPORTANT

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ARNO B. CAMMERER,
Director.

SUPERINTENDENT'S MONTHLY REPORTS

1932

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mt NATIONAL PARK

FILE NO. 207-002.3

JANUARY 1932
MONTHLY REPORT

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J. R. Eakin, Superintendent

IMPORTANT

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HORACE M. ALBRIGHT,
Director

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK

OFFICE OF THE SUPERINTENDENT

MARYVILLE, TENNESSEE

February 6, 1952.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for Proposed Great Smoky Mountains National Park for the month of January:

000 General

010 Matters of importance

I met Associate Director Carmerer at Asheville on the morning of January 7. A conference was held with the North Carolina Park Commission and Colonel Chapman, Chairman of the Tennessee Great Smoky Mountains Park Commission. In the afternoon I drove Mr. Carmerer to Knoxville where he spent the night. On January 8 Mr. Carmerer and Colonel Chapman conferred on park matters. Mr. Carmerer left that evening for Washington.

A Mr. Marry, Department of Justice, called at my office January 9 in an effort to place some federal prisoners on park work. It was explained that aside from the fact that development of the park was not yet permitted and there were therefore no funds available, the Park Service was opposed to convicts competing with free labor. Mr. Marry indicated that arrangements were being perfected to work a number of convicts in the Pisgah National Forest, nearby.

On the afternoon of January 27 I drove to Asheville. I met Director Albright on the morning of January 28. We attended Rotary at noon and the banquet given by Eastern N. C. Mountains, Inc., in the evening. Director Albright's talks at both affairs were enthusiastically received.

Superintendent and Mrs. Allen of Hot Springs National Park arrived at Knoxville at 5 a.m. January 29. They were met at the station at that early hour by park friends. Director Albright and I arrived at Knoxville about noon and we all attended a luncheon given in honor of the Director by the Smoky Mountains Skiing Club. After luncheon we attended a tea at the home of Mr. C. A. Jennison. The Director, Mr. and Mrs. Allen left for Hot Springs that evening.

020 General weather conditions

A great deal of rain has fallen on the Tennessee side, but there has been practically no snow so far this winter which is highly unusual. Mountain wind storms have been more severe than usual, and it is the opinion of old-timers that more timber has been blown down this winter than ever before.

At places on the Indian Gap Highway were counted where trees have been blown across the road. A barn and several shacks have been blown down.

We do not have weather records for the North Carolina section of the park but from the fact that there were fires in North Carolina and none in Tennessee it is apparent there was more precipitation in Tennessee than in North Carolina. The weather report of an observer at Elkmont follows:

Mean maximum	59	
" minimum	34	
"	45	
Maximum	78	Jan. 19
Minimum	12	" 31

Precipitation

Total	8.93"	
Greatest in 24 hrs.	3.10"	Jan. 30
Number of days with .01" or more precipitation	12	

100 Administrative

Park inspections by
123 National Park Service officers

On the 29th, Mr. Thomas Allen, Superintendent of Hot Springs National Park, and Mrs. Allen paid a short visit to Gatlinburg. They were driven up the Indian Gap highway as far as the Chimney Tops.

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
40/1450	$29,700.00	$25,953.89	$ 3,746.11
41/2405	18.75	18.75	00
41/2406	7,500.00	2,638.66	4,861.34
41/2420	25,400.00	20,153.53*	5,246.47
42636	7,400.00	5,895.52	1,504.48

* $486.26 expended from this fund for fighting forest fires.

150 Equipment and supplies

During January 2 dozen Hazel hoes were received. An inventory is being made of all tools and equipment, thus far with rather gratifying results insofar as losses are concerned. In this country it is customary for common laborers to steal as many tools from their employers as they can get away with. I believe that our small losses were practice losses and not thefts, because our tools are well marked.

200 Maintenance, improvements and new construction

[illegible]

One building has been burned for fuel in the Cades section, that being the old house of Luther [illegible]. In the Cades Cove section Ranger [illegible] has fired a number of vacant and outlying buildings, these numbering 10 houses and 9 barns. It appears that the burning of buildings, especially in the more heavily populated regions, arouses considerable ire among the residents. In the case of outlying buildings it may sometimes be the best method of getting rid of them. The State sold 19 buildings on the Tennessee side for removal and clean-up.

500 Activities of other agencies in the park

530 Conservation non-governmental agencies

On January 18, at the [illegible] of the officers of the Maryville Chapter of the Izaak Walton League and gave permission to erect 2 rearing ponds in the park. These ponds are not in view of the road.

State Highway Engineer Marsh of North Carolina reports that clearing of the right of way on the Cherokee highway is now completed to Newfound Gap. Steam shovels are now within 4,000 feet of the gap.

George Mason of the Asheville Hiking Club, working in conjunction with the Appalachian Trail Club and the Bryson City Hiking Club, has made several trips into the park area and adjacent area in an attempt to gather data for final location of the Appalachian Trail. It seems that 2 tentative plans are under consideration, first, to have the trail follow the State line to Davis Gap and second, to have the trail [illegible] off the State line at Siler [illegible] and go through [illegible]all, i. e. via [illegible].

530 Donations and acquisitions of all kinds

A number of objects have been received as gifts by Assistant Chief Ranger [illegible] which may have museum value. These include a half-yoke, used in breaking in calves to work, also a yearling-yoke which is larger than the half-yoke but smaller than full size. There is a hand made grist stone, and hand made gun barrel, a [illegible], [illegible], three stone axes, and quite a number of flint [illegible]. Several more sets of mill stones have been brought in, bringing the total up to 15. [illegible] have been [illegible] mills. A great many mills are getting [illegible] and being washed out on the streams in the park.

400 Flora, fauna, and natural resources

410 Ranger service

In the belief that some trapping for small fur bearing animals was being practiced in the park, several investigations were made and 19 steel traps were brought in after several days waiting failed to catch the trapper. An opossum which was found in one of the traps was liberated.

450 Miscellaneous

Because of the unusually mild winter and lack of snow a number of plants

have been seen in blossom in January. These included violets, daffodils, quince and jasmine.

[illegible] Use of park facilities by the public

Because of the mild winter there is much more use of the park at this time than at the same time last year. On a good Sunday in January 20 autos have been counted passed at Newfound Gap whereas during last January it is doubtful if a single car reached the Gap.

600 Protection

610 Police protection

On January 6 State Game Warden John A. Allen, residing in the Sugarlands, had brought to trial before Justice of the Peace Elder [illegible] at Gatlinburg, 2 men charged with trapping in the park. The defendants, [illegible] Faults and Herman Carr, were found guilty and a joint fine of $10.00 was imposed.

Several minor offenses such as removal of fence and breaking into vacated buildings have been attempted during the month. In most cases no evidence whatsoever could be obtained. In one instance a squaw proceeded to remove 4 small cemeteries from park land near Gatlinburg; she was made to plant them back and no damage was suffered by the park.

[illegible] Fire protection

[illegible] fires occurred on the Tennessee side of the park during January. [illegible] a crew of men went out to investigate a fire which was found to be well outside the line and [illegible] lands.

Continued dry weather on the North Carolina side necessitated fire patrol from January 19-25, inclusive. Patrolmen were first placed on duty on Deadyville and Eagle Creeks. On the 21st patrol was placed on [illegible] Creek and Lower Lufty drainage. This put our entire fire patrol force into action. The 5 State men in Bryson City were also put in.

The first fire on the North Carolina side was a grass fire occurring Jan. 16. It burned about one acre of grass land on the Hardy Clark place on [illegible] Creek. No damage was done and no cost of extinguishing crew was incurred. The cause of the fire is unknown.

A second fire occurred in the afternoon of January 22 on the upper portion of [illegible] Creek. Patrolman Woody immediately went to the scene of the fire with a crew of men. Upon arriving on the fire, other fires were sighted on the heads of Kettle and Indian Creeks. At 7.30 p.m. a fire was seen to start up on the lower end of Deep Creek. By the time this fire was located, one of Woody's men came in and reported the fires on Kettle and Indian Creeks. A crew was sent in from Gatlinburg to assist Woody on the head of Kettle Creek and Mark was immediately started on the lower Gullback fire. At 5.00 a.m., Jan. 23, Woody reported all fires under control. The men were allowed a few hours rest and at daybreak small crews were dispatched to the different fires to check them over and patrol them. Fortunately a rain set in later on in the

day and the fires were promptly put out. There is no doubt but these fires were all of incendiary origin. There was no evidence available. The only logical person to suspect is Ed Allen or his boys. If this condition persists we will be compelled to put on additional patrolmen on the creek.

300 Miscellaneous

I left Washington, D. C., where I had been on official business and on annual leave, January 1st and reached Maryville January 2.

An abandoned school house in Cades Cove was destroyed by fire on the night of January 17. No damage was done to surrounding forests. On the night of January 10, an abandoned cabin was burned in Cades Cove. These 2 instances are further proof of our contention that houses should be razed as soon as their occupants move out. To date we have been unable to secure funds for this purpose. Abandoned houses in many sections of the park are so remote from highways that the lumber cannot be sold or given away.

On January 18, I met 3 members of the Holston Methodist Assembly at Williamsburg. They desire to have the park boundary slightly changed in order that they can increase the area of their holdings. The facts in the case were forwarded to the Service without a recommendation. It will be remembered that these people owned some acreage on the Middle Creek road and refused to sell except at a prohibitive price and upon condition that the park boundary be changed so as to throw about 40 acres out of the park. We had to agree to the change. They made no additional change in which, I reported to the Service, we were not in the least obligated.

On January 21, I drove to Waynesville, N. C. On the 22nd I appeared as a witness for the North Carolina Park Commission in a matter of suits to collect planing tax against the property of the park. I also attended several business meetings.

The inclement weather of the past month did not permit of trips to the lowlands sections of the park. Several one day trips were made. Building office work, preparation of preliminary estimates for 1941, planning new and immediate improvements the 1941 work may be spent, etc., fully occupied my time.

Reports of park revenues, personnel and educational projects are attached.

Very truly yours,

J. R. Ross,
Superintendent.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of January, 1938.

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
[illegible]l Raising of Structures	1[illegible]0	0	0	[illegible]. 1[illegible], 1[illegible]1
[illegible]l Trail Construction	79.[illegible]	0	[illegible]	J[illegible] [illegible]0, 1[illegible]3[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of January, 1932.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	8	6	2	
Number of additions	0	20	0	
Total	8	26	2	
Number of separations	0	21	0	
Number of employees close of month	8	5	2	
Number of promotions during month	0	0		
Aggregate amount of annual leave taken	7		[illegible]	
Aggregate amount of sick leave taken	25		0	
Aggregate amount of leave without pay	0		2	

Annual leave:
[illegible] 7

Sick leave:
[illegible] 25

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of January, 1932.

	This Year	Last Year
Park revenue on hand beginning of month, ...	00	00
Received, ...	200 00	00
Total, ...	200 00	00
Remitted, ...	200 00	00
On hand close of month, ...	00	00

Park revenues received this year to date, ...	200 00
Park revenues received last year to date, ...	00
Increase, ...	200 00
Per cent of increase, ...	

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns NATIONAL PARK

FILE NO. 207-002.3

FEBRUARY
MONTHLY REPORT

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J. R. Lakin, Superintendent

IMPORTANT

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HORACE M. ALBRIGHT,
Director

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
MARYVILLE, TENNESSEE

OFFICE OF THE SUPERINTENDENT

March 9, 1932.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for Proposed Great Smoky Mountains National Park for the month of February:

000 General

010 Matters of importance

On February 16 Assistant Chief Ranger Philip H. Smith was transferred to the position of custodian of George Washington Birthplace National Monument, and Ranger Charles H. Dunn was promoted to his former position.

020 General weather conditions

Heavy rain has fallen up to the 22nd, causing slides along the main roads two of which blocked travel on the loop at different times. A large slide blocked the highway between Deals Gap and Tapoco for about 10 days. There has been no snow other than a very light fall at one time along the rain ledge. High winds have caused considerable damage to timber during the month. Because of unfrozen ground, windfall in the virgin belt is heavy this season. The weather report of an observer at Elkmont follows:

Mean maximum	62	
" minimum	35	
"	47	
Maximum	70	Feb. 11-12-13
Minimum	20	" 5

Precipitation

Total	9.99"	
Greatest in 24 hours	4.00"	Feb. 12
Number of days with .01" or more precipitation	7	

100 Administrative

Park inspections by
121 Superintendent

On February 12 I met L. Getty Lanning, Chief Locating Engineer, North

Carolina Highway Department, at Townsend and went over the Townsend-Cherokee road project with him. The results of this inspection were made the subject of a letter to the Director.

On February [illegible] I accompanied Colonel David [illegible], Chairman, Tennessee Great Smoky Mountains Park Commission, over the Gatlinburg section of the park. Several one day trips have been made into the Tennessee section of the park.

150 Finance and accounts

	All funds	Expended and Encumbered	Unexpended Balance
40/1420	[illegible],700.00	$25,954.88	$ 3,745.12
41/2406	477.15	477.15	00
41/2406	7,500.00	2,978.75	4,521.25
41/2420	25,400.00	20,040.96*	3,359.04
42/436	7,400.00	5,895.52	1,504.48

* $55.68 expended from this fund for Fighting Forest Fires.

140 Labor situation

Numerous applications are being received from men who are in dire need of work. The Little River Lumber Company's mill at Townsend has shut down making the labor situation acute for this immediate section.

150 Equipment and supplies

A set of chains and plates for one of the light delivery trucks were the only items received during the month. Fire tools have been put in A-1 shape, greased and separated into units.

200 Maintenance, Improvements and New Construction

220 Improvements

All trails west of Elkmont have been cleared of fallen timber except along the top of Lookout. Trails east of Elkmont are being cleared. A cave-in on the Laurel Fork road was repaired.

[illegible] Activities of other agencies in the park

230 Concerning non-governmental agencies

The State Highway forces on the Townsend-Gatlinburg highway are now within 2000 feet of Gatlinburg. The fact that the slash is not being burned is going to cause a very unsightly mess along this road. The contractor who is to surface the Townsend-Gatlinburg road has arrived in this vicinity preparatory to starting on the job in the near future.

400 Fires, floods, and natural phenomena

410 Ranger service

Assistant Chief Ranger Goodman returned to duty from leave on February

8, and during the balance of the month devoted most of his time to leasing matters. To date we have all large tracts in Swain county under lease or have given special use permits where protection required more, and have collected most of the fees from the 2 year leaseholders.

During the month, Ranger Ingraham continued to lead the usual support in an effort to have squatters vacate at an early date. Since we sent out notices last fall approximately 25 of these squatters with their families have left the park. During this period only 7 former owners claim they were entitled to a lease with gift.

470 Animals

Outlaw hunters continue to chase the few remaining deer outside the park in the Alarka Creek section. Feral dogs and cats are destroying considerable bird life in the park area.

600 Protection

620 Fire Protection

Due to dry weather our forces of 7 patrolmen on the North Carolina side were put on duty during the latter days of February. The 5 men in Haywood County, paid by the State of North Carolina, were placed on duty February 26. During this month on this side of the park there was one fire in the park and one threatening the park. The fire in the park, the cause of which is unknown, burned down a house occupied by R. C. Woodsmall at Smokemont, formerly the Jim Ayers place. There was no one at home and the family lost all personal and household goods. It started about 1 p.m. Sunday, February 26, a high wind was blowing and the woods caught on fire immediately, burning 50 acres. 36 leaseholders turned out and put the fire under control in record time with no great damage to the park service. The spirit on the part of the leaseholders was almost inconceivable and it speaks well for the cooperative spirit shown by them on this as well as on similar fires in the past. The house was to have been removed as soon as the State School job is completed and the house itself can be considered a loss to us.

Ranger Ingraham placed the other fire under control in the Deadcore Creek area on February 26. It had reached within one-half mile of the park line when rain came and before it was extinguished.

The last 7 days in February on the Tennessee side were dry ones and 2 fires occurred. A brief report on these fires follows:

Date	Place	Area Burned	Cause	Fire cost
25	Deadwood Gap	50A	Incendiary, suspected	$21.00
26	Hazelwood	7A	" unknown	4.50

690 Miscellaneous

On February 17 Will Bradley, the oldest male resident on the North Carolina side of the park, died at his home near Smokemont. He was 86 years old, a Civil War veteran, and had lived in the park area most of his life. His wife, age 89,

oldest person on this side of the park survives him. Upon her husband's death she has left the park and has made her home with a son living near Bryson City. Mr. Keeling was buried in the park cemetery not far from his home.

On February 17, Mrs. Lena Gibson, a Cherokee park resident, died at her home near Whittier, N. C. Upon request of her son her burial was authorized in the Gibson family cemetery in the park area where interment of former relatives had been made.

On February 8, I read a report before the Smoky Valley Lodge of Maryville, Tennessee.

On February 6, I appeared as witness in a law suit at Morristown, brought by the Tennessee Great Smoky Mountains Park Commission.

Reports of park revenues, personnel and accomplished projects are attached.

Very truly yours,

J. R. Hahn,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

[illegible] National Park for the Month of [illegible], 1[illegible].

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
401 [illegible] of structures	1[illegible]	[illegible]	[illegible]	[illegible], 1[illegible]
[illegible]1 Trail constructed	7[illegible].[illegible]	[illegible]	0	[illegible], 1[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of February, 1932.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	6	5	2	
Number of additions	0	40	0	
Total	6	45	2	
Number of separations	.5	36	0	
Number of employees close of month	5.5	9	2	
Number of promotions during month	0	0		
Approximate amount of annual leave taken	6		0	
Approximate amount of sick leave taken	11		0	
Approximate amount of leave without pay	0		0	

Annual Leave:

John T. Needham, Feb. 1-8

2 wardens serving without pay have been dropped from appointed employees listed in previous reports as they have no regular duties.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mts. National Park for the Month of February, 1932.

	This Year	Last Year
Park revenue on hand beginning of month, ...	00	0
Received, ...	249 00	00
Total, ...	249 00	00
Remitted, ...	249 00	0
On hand close of month, ...	00	00
Park revenues received this year to date, ...	449 00	0
Park revenues received last year to date, ...	0	
Increase, ...	449 00	
Per cent of increase, ...		

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
[illegible] NATIONAL PARK

FILE NO. [illegible]

[illegible]
[illegible]

- - - - - - - - - - - - - - - - -

J. [illegible] [illegible]kin, [illegible]ori[illegible]tendent

IMPORTANT

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HORACE M. ALBRIGHT,
[illegible] Director

NATIONAL PARK SERVICE

GREAT SMOKY MOUNTAINS NATIONAL PARK

MARYVILLE, TENNESSEE

April 8, 1932.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report for proposed Great Smoky Mountains National Park for the month of March:

000 General

010 Matters of importance

Park headquarters will be moved to Gatlinburg, Tennessee, about June 1. Andy Huff, proprietor of the Mountain View Hotel believes he will have an office building and a residence ready for me by that time.

James H. Light, Probational Ranger, who was appointed from the Junior Forester eligible list, entered on duty March 16.

080 General weather conditions

After an abnormally mild winter it turned cold in March. For 10 days the cold weather broke all existing records. There was relatively little snow or wind, and the storms did little damage and caused practically no delay to motor traffic. The storms were much worse in Virginia. During the month there were a number of fatalities from high winds further south. To date this has proven to be a favored locality. The first snow of the winter fell on March 6, depth of the snow ranging from 2 to 6". The weather report of my observer at Elkmont, follows:

Mean maximum	54	
" minimum	30	
"	45	
Maximum	72	March 26
Minimum	03	" 10

Precipitation

Total	9.64"	
Greatest in 24 hours	1.00"	" 6
Number of days with .01" or more precipitation	12	
Snowfall	5.55"	

100 Administrative

Park inspections by
121 Superintendent

I made several [illegible] trips into the Tennessee section of the park paying particular attention to improvements for moving headquarters to Gatlinburg.

On March 8 and 9 I was in Cades Cove in connection with leasing farm sites to former owners.

On March 17, accompanied by Asst. Chief Ranger Leathers, I went over the Smokemont-Newfound Gap project with Division Engineer Walker of the North Carolina Highway Department, and Mollo H. Toer who has the contract for surfacing. I could not consent to Mr. Toer taking rock from several places that he desired. Arrangements satisfactory to Mr. Toer and the Service were made for surfacing the lower 6 miles of road. The Landscape Department will designate sources of rock for the upper 6 miles of the project.

125 National Park Service officers

Associate Engineer Robert [illegible]. White, and Assistant Landscape Architect Rostell V. Delgate arrived at Knoxville, March 22. I immediately drove them to Gatlinburg. I spent 5 days in the field with them. They are now securing data on several projects and it is understood they will remain in the park until about April 15.

After seeing certain sections on the Tennessee side of the park, Sam [illegible]. Woodring, Superintendent of the Grand Teton National Park was shown various points of interest on the North Carolina side.

130 Finance and accounting

	Allotment	Expended and Obligated	Unexpended Balance
40/1430	$85,954.83	$85,954.83	00
41/2426	477.15	477.15	00
41/2436	7,500.00	3,982.85	3,517.15
41/2420	23,400.00	20,373.05*	3,026.97
4m134	7,400.00	5,923.22	1,476.78

* $95.15 expended from this fund for fighting forest fires.

140 Labor situation

I have had many applications for work, and all the men in and adjacent to the park need work.

200 Maintenance, improvements and new construction

220 Improvements

A crew of men have been put to work painting and bracing of the trestles

on the [illegible] road. It is anticipated that these trestles will be put in shape to carry light auto traffic with comparative safety early in April. However any of these trestles may be damaged or washed at any time during a heavy rain. We are forced to keep these in repair because this road is the only means of travel into the [illegible] drainage for fire protection.

Two trails were opened up in the [illegible] of Mr. [illegible] this month, Mill Creek and [illegible]. These trails had been completely blocked out by past windfalls.

Two bridges have been repaired on the [illegible] road [illegible] and two timber [illegible] cleared out of the [illegible] road during the past week.

[illegible] [illegible]

A trail, [illegible] miles long has been opened up from the junction of [illegible] Creek to the [illegible]-[illegible] divide, via [illegible].

200 [illegible] park

An auction sale of buildings formerly owned by the Champion Fibre Company at [illegible] was held March [illegible]. The severity of the depression in this locality is reflected in the fact that 14 three and four room box cottages brought a total of only [illegible].55. In addition to the buildings sold 29 other worthless buildings were given away for removal and dismantling during the month, on the North Carolina side.

In the Tennessee section of the park, 8 buildings were razed in Greenbrier: 4 houses and 4 barns.

300 Activities of other agencies in the park

330 Integrating non-governmental agencies

On March 2 I conferred with Verne [illegible], Executive Secretary of the [illegible] Cherokee Park Commission concerning the proposed exchange of park lands for the [illegible] property on Oconaluftee Creek. My recommendations concerning this matter were made the subject of a letter to the Director.

Excellent progress has been made on the [illegible]-[illegible] Skyway project, which is being done by forces assigned by the North Carolina Highway Department. They expect to break through the gap on or before April 8, and the resident engineer in charge states the grading will be completed in every respect by May 1, at which time the States of North Carolina and Tennessee plan to hold a joint celebration at the State line which will be the occasion of the formal opening of the road to the public. A contract in the amount of $70,000 for surfacing the road with traffic bound crushed rock was let to Hallie [illegible] last fall. He has recently moved men and equipment on the job and expects to start work about April 4. After the crushed rock is completed the State plans to put a bituminous mat on top.

400 Flora, fauna, and natural [illegible]

410 Ranger service

During the month Ranger [illegible] devoted most of his time to fire protection patrols. He also devoted some of his time to trail location work and supervision of trail construction and maintenance crews.

Assistant Chief Ranger [illegible] then was carried to Lenoir [illegible]. With a few exceptions, all tenants occupied in Swain County are under leases and this work should be completed in the county within the next 10 days. On March 8, it was necessary for him to have a park resident, [illegible] Reagan of Cherokee, who had refused to sign a lease, brought before the U. S. Commissioner charged with unauthorized occupancy of government property. At the hearing he was given one more chance to take a lease and he changed his mind and signed, paid the rent and costs and the case was dropped.

[illegible] Natural [illegible]

Many fl[illegible] were [illegible] in Kingsport the beginning of the month were killed [illegible] in Cherokee for the [illegible] season.

[illegible] Use of park facilities by the public

[illegible] Visitors

Sam T. Woodring, superintendent of Grand Teton National Park, arrived in the park March 23. He is a native of North Carolina. He visited his boyhood home before coming to this park.

Guy V. Fleming, custodian of Torrey Pines Reserve, San Diego, California, visited the North Carolina side of the park on March 24, 25 and 26. Mr. Fleming is connected with the California State Park Commission. He was enroute to Washington, D. C. where he will represent his State Commission at the forthcoming meeting of the national conference of State Parks.

A group of 4 students, Joe Ellis, Chas. Swallow, Hugh Ronald and Theodore Gildersleeve of Earlham College, Richmond, Indiana, spent 3 days in the park making studies of geological formation.

The Biology Department of Wilmington College, Wilmington, Ohio have 4 representatives out in the park making a collection of zoological specimens.

[illegible] Protection

[illegible] Police protection

Ten Fox hunters were taken before Commissioner Geo. T. Allen of Bryson City on March [illegible]. They were caught hunting inside the park boundary by patrolman Bill [illegible]. A complete information as to their apprehension, names, etc. is not at hand but will be covered in the April report.

[illegible] Fire protection

One fire occurred on the Tennessee side of the park, on Hazel Log Mountain, and burned about 2 acres of second growth, with cost of $[illegible] for suppression. Temperature failure and 4 others placed this fire under control in less than one hour. This fire occurred March 12.

There were 12 fires on the North Carolina side of the park. Due to high fire hazard we have been compelled to put additional fire lookouts on duty at intervals to the extent of the [illegible]. A list of the fires follows:

Order	Name	Acres	Paid Man Hours	Volunteer Man Hours	Paid Man Hours
1	Lands Creek		[illegible]	2	0
	Horse Cove	25.50	0	200	0
	Bear [illegible]	6.50	0	100	0
2	Little Shackstack	6.50	10	140	0
	Horse [illegible]	5.00	0	400	0
	Hungarner Field	.50	2	0	0
7	[illegible]		[illegible]	0	0
12	[illegible] Pile Gap		4	0	0
	Blanton [illegible]	1.00	25	0	0
20	Toestring		4	0	0
25	Joe [illegible] Lace	5.50	10	140	0
26	Welch Bald	5.50	10	50	0
		40.50	66	1068	0*

There were 276 free labor hours contributed by leaseholders on the above fires. Basing this labor at the prevailing rate of 20¢ per hour, this shows that over one half of all fire fighting during March has been done free of charge.

* There is as a rule no merchantable timber killed at this season although young growth and reproduction may be heavily damaged or killed. [illegible] killing shows up later in the seasons.

Ten fires out of the above twelve are of incendiary origin. We have good reason to believe that Ed Cline, Jerome City, [illegible] and his 2 boys Robert and Jim are responsible for all of the 4 fires set in the Lower Long Creek and Indian Grave areas this month. It is well known that this household is antagonistic toward the [illegible] and that they were the firebug [illegible]. As yet we have not enough direct evidence to convict any of them. It seems that the use of bloodhounds to trail these habitual firebugs may be our only salvation if this sort of thing persists. A court might question bloodhound [illegible] as evidence but such action certainly would have a beneficial moral effect. These fires were set with malicious intent. [illegible] to extinguish these fires with free labor furnished by leaseholders. In the light of this we have not been compelled to [illegible] symbols as the [illegible] that persons would see fire in this area to report it as they will be disappointed.

900 Miscellaneous

On March 5, 2 [illegible] residents, [illegible] and Bill Jenkins, living [illegible] on Long Creek got into an argument which ended up in a fight during which Jenkins shot [illegible] twice in the neck and [illegible]. Jenkins' wounds were not serious and he was [illegible] fully recovered and [illegible] left for parts unknown.

Reports of job progress, personnel and authorized projects are attached.

Sincerely yours,

J. [illegible] Hain,
[illegible].

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

[illegible] National Park for the Month of [illegible], 1[illegible].

Description of Project	Percent [illegible] To Date	Percent [illegible] This Month	Percent [illegible] Last Month	[illegible] Date of Completion
[illegible]	1[illegible].	[illegible]	0	[illegible]. 1[illegible], 1[illegible]
[illegible]	[illegible].	.4	0	June 30, 1[illegible].

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great [illegible] National Park for the Month of March, 1[illegible].

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	5.5	9	8	
Number of additions	.5	46	2	
Total	6	55	4	
Number of separations	0	40	0	
Number of employees close of month	6	15	4	
Number of promotions during month	0	0	0	
Aggregate amount of annual leave taken	1	0	0	
Aggregate amount of sick leave taken	0	0	0	
Number of days of leave without pay	0	0	0	

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

[illegible] National Park for the Month of [illegible], 1930.

	This Year	Last Year
Park revenue on hand beginning of month, ...	[illegible]0	[illegible]0
Received.	1,[illegible]	[illegible]00
Total.	1,[illegible]5.[illegible]5	[illegible]
Remitted.	1,[illegible]5.[illegible]	[illegible]0
On hand close of month.	[illegible]00	[illegible]

Park revenues received this year to date, ...	1,[illegible]
Park revenues received last year to date, ...	[illegible]0
Increase.	1,[illegible]
Per cent of increase.	

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mountains NATIONAL PARK

FILE NO. 207-002.3

APRIL
MONTHLY REPORT

- - - - - - - - - - - - - -

J. R. Eakin, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All papers should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
MARYVILLE TENNESSEE

[illegible] DEPARTMENT

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park during the month of April:

000 General

010 Matters of general importance

I left for Hot Springs by auto April 1. The trip was made via Bealfoot Lodge. On the return trip I reached Gatlinburg the evening of April 9 where I joined the following National Park Service officials:

Senior Assistant Director A. E. Demaray
Department Archaeologist Jesse Nusbaum
Joseph S. Dixon, Wild Life Survey
Capt. E. A. Tillotson, Grand Canyon National Park
Capt. and Mrs. T. C. Boggess, Rocky Mountain National Park
Capt. and Mrs. E. C. Crossland, Wind Cave National Park
Capt. T. A. Beach, Geo. Washington Birthplace Nat'l. Monument
Capt. C. Marshall Dixon, Mesa Verde National Park
Chief Ranger E. Bailey, Sequoia National Park
Dr. Roy L. Merton, Collaborator for the National Park Service

That evening a banquet attended by 250 people was held at the Mountain View Hotel. I believe it is no exaggeration to state a "rocking good time" was had by all".

The party arrived in Knoxville the morning of April 9. They were met at the station by Colonel David C. Chapman, Chairman, Tennessee Great Smoky Mountains Park Commission, Mayor O'Connor, and other prominent officials and citizens. The trip to Gatlinburg, Newfound Gap and Cherokee Reservation in North Carolina was made, returning to Gatlinburg for the night. It was the first party over the Newfound Gap-Cherokee highway now practically completed with the exception of surfacing.

On April 11 Supt. and Mrs. E. A. Robinson, Colonial National Monument, Asst. Supt. and Mrs. Guy Edwards, Yellowstone National Park, Chief Ranger and Mrs. Charles J. Smith, Petrified Forest National Monument, Verne A. Chatelain, Historian and F. A. Kilbert, Chief of Central Service arrived in the park for a short visit. Assistant Chief Engineer Oliver W. Taylor arrived on this date and remained in the park for one week.

On April 12 Chief Landscape Architect [illegible] Mrs. Thomas S. Vint, and Assistant Chief Landscape Architect [illegible] reached the park and remained 3 days.

On April 14 Chief Engineer [illegible] Mr. [illegible] Hillridge and daughter [illegible] arrived. They left on April 16 via [illegible]. In order to facilitate Mr. Hillridge's departure the foreman on the Monument-Jackson Hole project had agreed to perform a shot in a deep rock cut in the [illegible] at 11 a.m. Mr. Hillridge arrived at the park at 10.[illegible] a.m. but [illegible] the shot. Mr. Hillridge was going by central time and the shot came by Eastern time.

J. H. Coffman, Fire Control Expert, was in the park April 16-30, inclusive. He was the guest of our "Warm Hot Visitors".

We desire to acknowledge the helpful advice received from the park complex visitors above mentioned.

Satisfactory progress is being made on the house which J. J. Hart of Hillsboro is building and which when completed will be rented to us. A small rented cabin nearby is being remodeled and will be used as our office.

C20 General weather conditions

There were [illegible] dry but cloudy days during the month, and little rainfall. A report of the observations at Gardner follows:

Mean maximum	[illegible]	
" minimum	[illegible]	
"	[illegible]	
Highest	[illegible]	April 5
Lowest	[illegible]	" [illegible]
Greatest daily range	[illegible]	" [illegible]

Precipitation

Total	[illegible]	
Greatest in 24 hours	1.42"	" 27
Number of days with .01" or more precipitation	9	

D40 Administrative
[illegible] inspections by:
D41 Superintendent

I made several trips of inspection to the North Entrance and [illegible] portions of the park during the month. On most [illegible] trips was the company of Mr. Lechner and the Gardner Rangers Coffman and Underwood, Chief Tessen here.

D42 National Park Service Officials

Fire Control Expert J. H. Coffman stayed from the 16th to the

[illegible] both looking over conditions on the North Carolina side of the park. The first trip was on the 19th to the summit of Barnett Knob, a fire lookout site on the Swain-Jackson county line in the [illegible] Reservation, accompanied by Ranger [illegible] of the reservation and assistant Chief Ranger [illegible], and myself. The 20th was spent in looking over the Tuckasegee National and the 21st in carefully reconnoitering the Cherokee Indian Reservation and [illegible] of the Qualla Boundary with Superintendent [illegible]. An inspection trip was made the Department Railroad from Cherokee but rain set in the 23rd. On the 24th, accompanied by Cherokee [illegible], we hiked from Indian Gap on the Appalachian to Mingus Creek via Clingman's Dome, Andrews Bald and Sugarlands Mountain. On the 26th, we returned to Gatlinburg for a further inspection of the Tennessee side.

Accurate highway mile and [illegible] measurements indicate some in the park practically the entire month. They were repaired in road and trail sections but it was apparent funds for this purpose will not be available this year.

130 Rangers and personnel

	Allotment	Expended and Obligated	Unexpended Balance
41/2405	$ 550.00	$ 550.00	$ .00
41/2406	7,500.00	4,985.22	2,514.78
41/2409	23,400.00	20,693.67*	2,706.33
4m436	7,400.00	6,295.26	1,104.74

* $75.40 expended from this fund for fighting Forest Fires.

160 Status of alienated lands

During the month the State of North Carolina acquired title by condemnation proceedings to 12 small holdings in the Little Cataloochee and [illegible] Creek sections. They also acquired the Baptist church at [illegible], and they reached an agreement with J. A. [illegible] for his 1,[illegible] acres on Big Cataloochee Creek. With exception of one or two above tracts, this practically completes the acquisition of small holdings on this side of the park. This leaves approximately 57,[illegible] acres still to be obtained. The action is known owner holdings.

[illegible] Improvements, Equipment and Use Authorizations

220 Improvements

During the month our fire lookout stationed at Gatlinburg with the aid of an assistant cleaned up wet land and finished the repair work on the Chimney Tops bridges. They also cleared the Rugged Ridge trail of windfall and [illegible] from Gatlinburg to the head of Lower Big Creek.

Several short trails on the Tennessee side were cleared or [illegible] during the month.

[illegible] New construction

A crew of 8 [illegible] on the west end of the Tennessee side of the park blazing up a border trail. A new trail was constructed between [illegible] Gap, on the west end of [illegible] Mountain.

The following new trails have been [illegible] on the Smoky [illegible] drainage:

Sugar Creek Trail. This trail is 4 miles in length and extends from the mouth of the creek to [illegible] Ridge.

Slab Camp Trail. The Slab Camp trail [illegible] along this long creek from [illegible] to [illegible], length 4 miles.

Pilot Ridge Trail. The Pilot Ridge trail is 4½ miles long. It follows the park boundary from Pilot Fork to [illegible] Ridge.

[illegible] Trail. This trail runs along the park boundary on the ridge from the head of Toody [illegible] to Cherry Gap at the head of Buckhorn Branch. It is 5 miles long and connects with the main creek via White Oak Branch and [illegible] Branch.

[illegible] Ridge trail. On the Deep Creek drainage a trail from [illegible] to [illegible] was constructed via [illegible] Ridge. It is 4 miles long. The trail crew is now at work on the Indian-Deep Creek Divide.

Lower Big Creek Trail, Lufty Drainage. On the upper end of this trail a mile of new trail was relocated and completed. This portion of trail was left unfinished last year until we could get time to move a derrick to Lucerion and get a crew back in the area.

[illegible] Lumbering work

In April 5, 11 mill buildings formerly owned by the Champion Fiber Company at [illegible] were sold at public auction for $[illegible]. The head mill was located [illegible] at [illegible], but there was no village to take it off our hands. In addition to the mills, 27 worthless buildings were given over for removal and burning during the month.

[illegible] Protection of [illegible] operations in the park

[illegible] Public service [illegible]

Mike F. Tom, who has the contract for refinishing the Lumberton-Cherokee Gap project, finally started [illegible] work, and it was out of the [illegible] but land above was site of the [illegible]. He has set up a [illegible] at the mouth of Collins Creek and is paying 60¢ per yard for gravel [illegible] delivered on the drainage. As a result there has been a great influx of men with trucks looking for work. There were about 25 trucks on the job the last week of the month, but there is many more that get in [illegible] way and few transported more than 2 loads per day. An abandoned farm house was leased at a nominal rental to [illegible]. Used to be used as a

residence during the term of the contract. Mr. Tuner at his own expense removed old outbuildings, thoroughly repaired and painted the house, installed running water and painted the grounds.

[illegible] [illegible] with superintendent

On April 2 Mr. J. C. Readhead submitted a very fine article written in a popular vein, for Exhibition in the Director of Research Information.

[illegible] [illegible] [illegible]

Early in the month the pioneer shovel of the North Carolina State Highway Commission on the Cherokee-Newfound Gap road project contacted with the Tennessee road at the State line, and at the present writing the grading is practically completed and the road is open to traffic.

400 Flora, fauna, and natural phenomena

410 Ranger service

Assistant Chief Ranger Needham devoted most of his time to leasing matters and supervision of rock gathering activities along the Cherokee-Newfound Gap road. In view of the fact that the road work will continue all Summer it appeared advisable to issue additional leases to men employed by the State, and the contractor. These leases are for buildings which had been previously slated for removal but which can be utilized under present circumstances. This additional work has prolonged the leasing job but all of our tracts on the north Carolina side which are to be occupied under lease or special use permit will be arranged by the end of May. Mr. Needham has also issued 10 State leases for tracts which have been acquired by the State [illegible] and are considered to be temporarily.

Assistant Chief Ranger [illegible] has started work on leasing in Tennessee section of the park, and during the month leasing of tracts conveyed in the first deed, Fox Cabin Cove, was practically completed.

Ranger [illegible] devoted most of his time to fire suppression and supervision of built crew work.

[illegible] Birds

Several wild turkey and grouse have been seen during the month. Many of these birds were seen while the Circle Tour Exhibition.

420 Flora

The park forests were very impressive during April. Dogwood, Silver Bell, Service Berry, Red bud and many other flowering trees and shrubs were in bloom. Wild flowers were abundant. Flaming Azaleas, Rhododendrons, Laurel, etc. will probably not bloom until about June 15.

at that time the park is at its best.

[illegible] Use of park facilities by the public

[illegible] Visitors

[illegible] visitors to the park in April were [illegible] and party of [illegible], [illegible] and Mrs. [illegible] Langford, Columbus, Ohio. I know the Langfords quite well while at Glacier National Park.

[illegible] Protection

[illegible] Police protection

Two fox hunters who were taken before Commissioner Allen of Sevierville last month, Lewis Clabo and Giles Newman of Gatlinburg, Tennessee, were given a stiff lecture by the Commissioner and released. No papers were issued in the case. Commissioner Allen wished to give the men a chance, it being the first time they were brought before him, but made it plain to them that he will not be easy if they are brought before him the second time.

620 Fire protection

Six fires occurred on the Tennessee side of the park during the month, 3 in the Cosby district, 1 in the Greenbrier district, and 2 outside the park, which burned over approximately 14 acres of [illegible] and [illegible] acres of grass lands. Reports are not in the office at this writing and therefore cannot be listed.

We have had 9 fires on the North Carolina side of the park which either threatened or burned on park land. Due to high fire hazard and poor visibility we have been compelled to put on emergency laborers to the extent of 3[illegible] man days. A list of the fires follows:

Cause of fire	Fires	Free labor hours	Estimated	Damage to park land outside of park	Damage to park land inside of park	Damage to U.S. land in N.F.
Spark Pkg.*	6	-	0	1,100	0	0
Children [illegible]	1	-	0	200	0	[illegible]
U. [illegible]	7	157	[illegible]	0	800	[illegible]
Passing train	1[illegible]	[illegible]	[illegible]	0	90	[illegible]
Camp fire	[illegible]	[illegible]	0	0	4	[illegible]
Spontaneous [illegible]	7	-	0	[illegible]	[illegible]	0
Pilot [illegible]	24	0	[illegible]	0	10	0
Unknown [illegible]	23	27	0	[illegible]	9	[illegible]
Every [illegible]	1[illegible]	[illegible]	0	0	[illegible]	0
	[illegible]	[illegible]	8	1,300	[illegible]	0

* Fires originated on Greenfield Lumber Co. lands in company hands.

We incurred no direct cost of fire fighting on the North Carolina side this month. Only 5 acres of [illegible] land was burned over. The suppression labor was taken care of entirely by leaseholders in free volunteer labor. This type of labor amounted to [illegible], and does not include labor used in suppressing the Spirit Lt., Hiltucki Ridge or Warehouse Gap fires. By means we have no true figures as to amount of outside labor employed.

Deciduous trees at the lower altitudes are in full leaf and the ground cover is "greening up" rapidly. It is believed the coming fire season is practically over.

GEO Accidents

A trail crew working on Jenny Creek dropped through one of the trestles while going to work one morning. A rotted stringer broke and the truck slid off into the creek. Fortunately it was a low trestle and a dropped fender was the only injury to the truck. None of the occupants of the truck were injured. This trestle was quite required and the road is quite serviceable, but it cannot be too strongly emphasized that these bridges are unsafe for place where they can be kept serviceable through minor repairing. It will indeed be fortunate if we can use this road for the rest of the season without a serious accident.

GEO Miscellaneous

Assistant Chief Ranger Geo. H. Moss was married to Miss Lucille Oliver at Indian Cove on April 8. An order that no that be lost the ceremony was performed on Sunday. Many parks gladly notice.

The Knoxville Southern League baseball team is called "The Smokies".

Reports of park revenues, permanent and authorized projects are attached.

Respectfully yours,

J. W. Merin,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of April, 1932.

Description of Projects	Total Construction To Date	Percent Completed This Month	Percent Completed Last Month	Estimated Date of Completion
481 Painting of structures 640	100.	0	0	Sept. 1[illegible], 1[illegible]1
501 Trail construction 7,400	85.1	5.1	.4	June 30, 1932

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of April, 1932.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	6	15	4	12
Number of additions	0	45	0	80
Total	6	60	4	92
Number of separations	0	45	0	61
Number of employees close of month	6	15	4	31
Number of promotions during month	0	0	0	0
Approximate amount of annual leave taken	0	0	6	0
Approximate amount of sick leave taken	0	0	0	0
Approximate amount of leave without pay	0	0	0	0

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of April, 1932.

	This Year	Last Year
Park revenue on hand beginning of month.	00	00
Received.	1,498.00	00
Total.	1,498.00	00
Remitted.	1,498.00	00
On hand close of month.	00	00

Park revenues received this year to date. . .	3,002.55
Park revenues received last year to date. .	00
Increase.	3,002.55
Per cent of increase. . . .	

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
[illegible] NATIONAL PARK

FILE NO. [illegible]

[illegible]

- - - - - - - - - - - - - -

[illegible]

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be mutilated or injured [illegible] [illegible] of the official in charge. [illegible] should be returned promptly to the File Room. [illegible] and employees will be held responsible for failure to observe these rules which are intended to protect the integrity of the official records.

HORACE M. ALBRIGHT,
[illegible] Director.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SMOKY MOUNTAINS NATIONAL PARK

GATLINBURG, TENNESSEE

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park during the month of May:

000 General

010 Matters of unusual importance

On May [illegible] my household effects were moved to Gatlinburg and we are now established in our new home built by L. J. Huff. On May [illegible] our office equipment was moved to Gatlinburg and installed in a cabin that had been rearranged by L. J. Huff. On June 1 we were [illegible] as usual.

Final estimates for fiscal year 1[illegible] were mailed on May 12.

[illegible] General weather conditions

There were several [illegible] early in the month but none the last half. It was cold enough at nights around the [illegible] to kill the leaves on the higher in the [illegible] section. A report of an observer at Elkmont follows:

Mean maximum	71
" minimum	49
"	61
Highest	[illegible] May 14
Highest	40 " 2-30
Greatest daily range	45 " 14

Precipitation

Total	[illegible]
Greatest in 24 hours	1.01" May 1
Number of days with .01" or more precipitation	10

[illegible] Administration

110 Center of park

There are a number of lessons to be learned by restoration on the Tuscarora side of the road that have not as yet been considered.

130 [illegible]

I made several inspection trips into the [illegible] and Tuscarora [illegible] of the road during the month.

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
41/[illegible]	$ [illegible].00	$ [illegible].00	[illegible]
41/[illegible]	7,[illegible].00	5,[illegible].[illegible]	1,[illegible].[illegible]
41/[illegible]	[illegible],400.00	[illegible],[illegible].[illegible]*	1,405.[illegible]
42[illegible]	7,[illegible].00	7,[illegible].[illegible]	[illegible].[illegible]
42/[illegible]	10,[illegible].00	[illegible]	10,[illegible].00
42/[illegible]	[illegible],[illegible].00	[illegible]	[illegible],[illegible].00

* [illegible] deducted from this fund for [illegible] [illegible].

140 Labor situation

The labor situation is still getting worse. The only job going at this time alone in the park is the little River Lodge [illegible] and they are pouring but one side of the hill a day a week.

150 Equipment and supplies

2 new ½ ton Dodge pickup trucks with plows have been purchased during the month, and 2 old ones have been traded in on such purchase order. [illegible] have been received. Unfortunately some of the main items ordered last year, it is believed that they are some manufacturing for use in this park. [illegible] received in as follows:

4 new [illegible] cars
2 5' mower cut mows
1 [illegible] flat top truck
2 Dodge, horizontal
1 Dodge, vertical

160 [illegible]

170 Maintenance

The small Dodge horizontal log saw in Co. Campground, three and one half miles Tuscarora, was disposed of all activities. In the campground area, [illegible] and [illegible] were removed from the [illegible] bridge. Bridge [illegible] between the road and Lower Log Cabin are the [illegible] of upper log [illegible], upper [illegible] [illegible], Cardinal Campground on the Three Lines, Dogwood Spring, Laurel Creek and Hollow [illegible]. A badly rotted bridge across Dwelley Run at Hardtrees was gravelled and floored with 2" x 8" material salvaged from the Campground [illegible]. Also 4 culverts

were replaced in the road between Lodgepole and the Sycamore Ranger place. Salvaged culvert pipe from the Lodgepole mill was also used for this work.

In addition to the above, a maintenance base was sent out for Fallsville Lodge on the Kaweah River (Lodgepole). Work this between Silver Mill and Cherrytown Cove, the Redwood Divide between Cherrytown Cove and Lookout Point, the Hospital Trail, Redwood Canyon and Bald Trail trails.

(2) New construction.

Eight miles of old trail were reconstructed along the Kaweah Mountain during the. A short section of trail was also constructed between Clement and Clement mountain. A bridge is being reconstructed on Little River about one mile above Clement. Work on this bridge began on May 16 and will be completed about June 7. The length of this bridge is 180 feet. A crew of 6 men is doing the job.

The following new trails have been started up in the Long Creek, Canal Creek, Dead Mulley and Lodge Creek watersheds during the month:

Paris Gap Trail. This is a short piece of trail 1½ miles in length, extending from Indian Creek to the Pullback trail on Long Creek, across the lower end of the Jackson Ridge.

Indian-Deep Creek Divide (Jackson Ridge). This trail runs 8 miles, the entire length of the Jackson Ridge, from the mouth of Indian Creek to Thorns Ridge.

Bridge Creek trail. The Bridge Creek trail is 2 miles in length, extending from the mouth of Bridge Creek to the Cherry Divide. It follows a ridge west of the Gap.

Dorsie Creek to Jackson Ridge. This is a short piece of trail, 1½ miles long, connecting the Long Creek trail with the Jackson Ridge via Dorsie Creek.

The Pole Ridge trail. This is a connecting trail between Long Creek and Cherry Ridge. It is 4½ miles long, starting at the mouth of Dorsie Creek [Dorsie Creek] and follows the Long Ridge to Cherry Ridge.

Left fork of Long Creek. The left fork trail will be extended 2 miles up the South Fork this year's work. This piece of trail is valid in the vicinity of construction of this section.

Bald Spring Secondary Trail. The Bald Spring Secondary trail extends from Bald Spring to Giant Stump, just below Giant Trail. It is 3 miles in length.

Dead Valley trail. This trail follows the old trail location from the Dillonia homestead (Lodge) the south along the creek to Sequoia Tree gap on the Giant Lion. It is 4½ miles long.

The Lee Creek trail. Work was started on this trail in May. It is not completed as yet. It will be 8 miles in length, extending from Lodge Creek to the old Tarantula camp site on Jackson Ridge.

On the morning of May 19 I conferred with Superintendent Upchurch of the Cherokee Indian Agency at Cherokee concerning the cooperative construction of a lookout tower, telephone lines and cabin on Fontana Dam. A park engineer will supervise the erection of a 60 foot steel tower. The Indian Service will purchase and transport materials, construct the telephone line and cabin. The Service will employ the Indian laborer for one half the cost of the entire project contribute one half of the total cost from our allotment [illegible].

200 Buildings and Utilities

Nine frame buildings in the Smokemont section were disposed of during May.

[illegible] Activities of other agencies in the park

250 Cooperating non-governmental agencies

On the last day of May the Smokemont-Cherokee Bay highway which has been under construction by the State of North Carolina was officially completed as far as the Park is concerned. Considerable progress on surfacing this project which was started in April and is being done under contract was made during the month. At the present writing the road is in place on approximately 3 miles of the Smokemont end of the job.

On the afternoon of May 19 I conferred with Division Engineer Walker of the North Carolina Highway Department at Smokemont concerning the proposed construction of the Smokemont-Cherokee project by the State. A complete letter was written to the superior giving the results of the conference. During the conference I raised the Service's objection to available borrow pits. A number of small and unsightly abandoned borrow pits were made since last time. It is incomprehensible that the North Carolina Highway Department is not interested enough, and is not interested in acquiring this viewpoint.

On May 25 all employees of the North Carolina Park Commission in the Asheville Office with the exception of the State Park Supt. [illegible] were [illegible]. Two new officials were [illegible], Hardesty, Hendren, and Pilkerton.

[illegible] Fauna, Flora, and Natural Phenomena

400 Animals

Feral dogs killed a large bear on the Mt Sterling Connector Bay on the Cherokee Indian lands, and not employed by the park. This animal had been harboring which went on Cherokee for more than 3 years, feeding mostly on sheep and hogs but has killed cattle weighing up to 800 pounds.

400 Natural phenomena

We are indebted to Mr. [illegible] Super Sports for the following partial list of outstanding Shenandoah trees, shrubs, and plants that bloomed in the park during May.

Silver Bell	[illegible] varieties of Violets
Dogwood	12 varieties of Trilliums
Shad Bush or Juneberry,	5 varieties of Azaleas
both tree and shrub forms.	3 varieties of Rhododendron
Tulip	Showy Orchis
4 varieties of [illegible]ia, one	Yellow [illegible] Pink Lady [illegible]
with flowers 18" across, [illegible]	Wild Bleeding Heart
with flowers 10" across.	Fire Pink
[illegible] Maple	[illegible]'s Pipe
[illegible]	Trumpet Creeper
Witch Alder	[illegible] Vine

Most of these are of greater size and greater luxuriance than found elsewhere. Only [illegible] and Azaleas with [illegible] are now in bloom, and even these have barely started to bloom.

800 [illegible] by the Public

810 Travel

The North Carolina Highway Department made a traffic count at Newfound Gap on Sunday, May 29. The following cars were counted:

Number	State
8	Alabama
6	California
22	Colorado
6	District of Columbia
8	Florida
28	Georgia
45	Illinois
47	Indiana
24	Kentucky
14	Maryland
8	Minnesota
14	New Jersey
24	New York
322	North Carolina
68	Ohio
4	Rhode Island
16	South Carolina
578	Tennessee
18	Texas
32	Virginia
12	Wisconsin
1,347	Number of Cars- 21

On Sunday, May 6, 594 cars from 15 states were counted and on May 22, 605 cars from 17 states were counted. The park is not yet a going concern and the road on which the count was made is not yet completed. The above figures are merely indicative of the travel that may be expected in the future.

[illegible] Protection

[illegible] Police protection

Joe [illegible] and Bruce Dunky of Gatlinburg were caught fishing on closed stream [illegible] by Wesley [illegible]. [illegible] was before before Commissioner Geo. E. Allen, Sevierville, [illegible] 14 [illegible] and was given a fine of [illegible].00 and cost, $10.00 of the [illegible] being suspended by the Commissioner to be added on the next fine if [illegible] is brought before him again. Dunky failed to show up at the hearing and a warrant for his arrest was issued by Commissioner Allen.

Ray [illegible]ter of Knoxville and Bob [illegible]arton of Gatlinburg were caught fishing a closed stream by Steve Dunky [illegible]. Parton was before the Commissioner on May 14 and given the same fine as Joe [illegible]. Center failed to show up and the Commissioner issued a warrant for his arrest.

On May 28 Abrams Creek was dynamited in 6 places between Cades Cove and Abrams Falls. Some fishermen heard the shots and observed a number of dead fish. The violation was on the Martin Butler lands not yet acquired by the park. I reported this to Deputy State Wardens who said they would make an effort to apprehend the guilty parties, although I doubt if this will be seriously attempted. In the meantime our suspects are reasonably sure the guilty parties live on [illegible] land in Cades Cove. They bear a generally unsavory reputation and were ordered off park lands.

On May 27 [illegible] apprehended one [illegible]. L. Byrom, operator of a store at Bryson City, fishing on [illegible] which is closed to fishing. He was before before the U. S. Commissioner [illegible] to Federal court under $500 bond.

On May 28 Joe Calhoun, our sole leaseholder on [illegible] Creek and [illegible] Flow Lookout, while [illegible] as a [illegible], [illegible] seriously injured [illegible] Ranger [illegible] at the [illegible] Cove. Calhoun had [illegible] to [illegible] the violation of State Fishing Laws (outside of the park) and [illegible] struck him over the head with a blackjack and run, [illegible] Calhoun brought his [illegible] with a bullet through the shoulder. While Calhoun was before Lockhart and bound over to Federal court under [illegible] bond, we are hopeful that he will pay dearly for his [illegible] poaching and [illegible].

[illegible] Fire Protection

There was one fire in the park area this month. This fire broke out near the mouth of Jakes Creek in the late afternoon of May 6. [illegible] happened to be in that region looking over a trail project on [illegible] Ridge Trail. He met Patrolman Carroll of the district immediately [illegible] and [illegible] the area and had the fire under control before daybreak. As this is an old burned over area filled with dead snags and brush it was necessary to leave considerable patrol on the fire. A high wind came up during the heat of day, May 4, and some fires from apparently dead snags were blown with embers into fire lines and the main fire spread in spite of patrol. Reinforcements were brought in that evening and the fire was again controlled and considerable patrol kept until the area was safe. It is supposed this fire was due to carelessness of campers. This area is 8 miles from the nearest

auto road. The total cost of extinguishing the fire was [illegible]. Approximately 110 acres of park land burned over. This was all burned over about 3 years ago. It has been logged off and burned many in previous years to the extent that nothing may remain visible [illegible] [illegible] property.

Two fires occurred outside the park on the Cherokee district which burned approximately 20 acres of woodland. Both fires occurred on the 7. The Lake Lighthouse fire crewmen, about 5 miles away [illegible] to extinguish. However, [illegible] expected to pay this expenses work, and the time of men that fought this fire was turned over to him for payment. The cost of the Pecore Valley fire was $17.70. This fire was burned over by State men for control and discovery as it was on State land. Approximately 50 acres were burned over.

900 Miscellaneous

During the month a complete inventory was taken of all tools and equipment.

No sales of buildings were held this month on the North Carolina side but 4 worthless structures were given away for removal and damage.

The State leases for 1958 were prepared and executed for which Mr. [illegible] collected and transmitted to the North Carolina Park Commission $[illegible].00. There remains 9 State owned occupied tracts in Haywood County and 2 in Swain County with occupants which apparently the State will not take in leases for the year 1958.

Reports of park revenues, personnel and authorized projects are attached.

Cordially yours,

J. [illegible] Swain,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

[illegible] National Park for the Month of [illegible], [illegible].

Description of Project	Percent Completed [illegible]	Percent Completed This Month	Percent Completed Last Month	Anticipated Date of Completion
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

[illegible] National Park for the Month of [illegible]

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	[illegible]	13	4	31
Number of additions	0	[illegible]	1	1
[illegible]	6	[illegible]	[illegible]	[illegible]
Number of separations	[illegible]	[illegible]	0	[illegible]
Number of employees close of month	6	[illegible]	[illegible]	00
Number of promotions during month	[illegible]	[illegible]	[illegible]	0
[illegible]	[illegible]	0	[illegible]	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	0	0	0

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

[illegible], National Park for the Month of [illegible], [illegible].

	This Year	Last Year
Park revenue on hand beginning of month		
Received,		
Total,		
Remitted,		
On hand close of month,		

Park revenues received this year to date		
Park revenues received last year to date		
Increase		
Per cent of increase		

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
[illegible] NATIONAL PARK

FILE NO. [illegible].3

[illegible]

- - - - - - - - - - - - - - - - -

[illegible]

IMPORTANT

[illegible]

HORACE M. ALBRIGHT,
[illegible] Director

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SMOKY MOUNTAINS NATIONAL PARK

GATLINBURG TENNESSEE

JUL 7 1972

[illegible],
National Park Service,
Washington, D. C.

Dear Mr. [illegible]:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	
" [illegible]	[illegible]	
"	[illegible]	
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	
[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

	Allotment	Expenditure and Commitment	Balance
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

* [illegible] represents those funds that are currently frozen.

[illegible] Equipment and Supplies

The following is a list of new equipment received during [illegible]:

[illegible] Pipes [illegible]
[illegible] Water Sprinkler
17 [illegible]
[illegible] Generator
6 6 [illegible], [illegible]
[illegible] Locks and Tiles, [illegible]
[illegible] Cans, Metal [illegible]
6 [illegible], [illegible]
6 [illegible]

[illegible] Information, Accounting and Job Description

[illegible] Information

[illegible]

[illegible] Accounting

[illegible]

[illegible] Job Description

[illegible]

[illegible] Jobs Available

[illegible]

[illegible] Jobs Available in the Job

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED WORK

[illegible] National Parks for the Month of [illegible]

Description of Projects	Percent Completed To Date	Percent Completed This Month	Percent Completed Last Month	Projected Date of Completion
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

[illegible] National Park for the Month of [illegible], 1[illegible].

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	6	5	[illegible]	[illegible]
Number of additions	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]
Number of separations	[illegible]	[illegible]	[illegible]	[illegible]
Number of employees close of month	[illegible]	4	[illegible]	1
Number of [illegible] during month	[illegible]	[illegible]	[illegible]	[illegible]
Aggregate number of hours [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aggregate number of [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aggregate number of [illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

[illegible]. National Park for the Month of [illegible], 1[illegible].

	This Year	Last Year
Park revenue on hand beginning of month . .	[illegible]	[illegible]
Received	[illegible]	[illegible]
Total	[illegible]	[illegible]
Remitted	[illegible]	[illegible]
On hand close of month.	[illegible]	[illegible]

Park revenues received this year to date	[illegible]
Park revenues received last year to date .	[illegible]
Increase .	[illegible]
Per cent of increase .	[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mountains NATIONAL PARK

FILE NO. 207-002.3

JULY
MONTHLY REPORT

- - - - - - - - - - - - - - - - - - -

J. R. Eakin, Superintendent.

IMPORTANT

[illegible]

[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SMOKY MOUNTAINS NATIONAL PARK

GATLINBURG, TENNESSEE AUG 9 1932

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

[illegible] report on activities in connection [illegible] National Park during the month of July.

[illegible] Health

[illegible] Effect of general depression

As elsewhere in [illegible], the [illegible] depression [illegible] this park [illegible] the [illegible] emergency program [illegible] the appropriation of a small allotment for this [illegible]. Considerable dissatisfaction has been expressed, largely that this allotment was not doubled. My own reaction is that [illegible] amounts to about [illegible] is [illegible] that our funds [illegible].

[illegible] General visitor facilities

We have had [illegible] this month. [illegible] number of [illegible] facilities:

[illegible]	[illegible]
" [illegible]	[illegible]
"	[illegible]
[illegible]	[illegible] July [illegible]
[illegible]	[illegible] " [illegible]
[illegible]	[illegible] " [illegible]

[illegible]

[illegible]	[illegible]
[illegible]	[illegible] July 7
[illegible]	
[illegible]	6

[illegible] Conservation

[illegible] Status of [illegible]

There still remains a number of lessons to be learned in handling [illegible] conditions, on the [illegible] side, for [illegible] of land in the [illegible] area. Recommendations have been forwarded on the various

[illegible]

[illegible]

[illegible]

1.0 [illegible]

	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

* [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

2.0 [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible] [

[illegible]

[illegible]

[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of July, 1932.

Description of Projects	Percent Completed To Date	Percent Completed This Month	Percent Completed Last Month	Probable Date of Completion
[illegible] Lookout tower, $1,3[illegible]0	70	30	40	Aug. 10, 1[illegible].

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great [illegible] Site. National Park for the Month of [illegible], 1[illegible].

	This Month		This Month, Last Year	
	Available	Non-Available	Available	Non-Available
Number of employees beginning of month	6	5	[illegible]	1
Number of [illegible]	0	25	0	30
Total	6	28	5	31
Number of separations	0	23	0	12
Number of employees close of month	6	5	5	19
Number of [illegible] during month	0	0	1	0
[illegible]	0	0	17[illegible]	
[illegible]				
[illegible]	20	0	[illegible]	

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Group: [illegible] National Park for the Month of July, 1[illegible].

	This Year	Last Year
Park revenue on hand beginning of month	00	00
Received.	32 00	463 00
Total.	32 00	463 00
Remitted	32 00	463 00
On hand close of month.	00	00

Park revenues received this year to date.	3 654 55
Park revenues received last year to date	703 00
Increase	2 951 55
Per cent of increase	4[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
[illegible] NATIONAL PARK

FILE NO.

IMPORTANT

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG TENNESSEE [illegible]

[illegible]

[redacted]

[redacted]

[redacted]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Qualitative Collection Research

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Discussion

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Conclusion

[illegible] Future Possibilities

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] of your [illegible], personal and [illegible] projects are [illegible].

[illegible] yours,

J. [illegible] [illegible]kin,
[illegible]ori[illegible]tendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of August, 1932

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
31 Lookout Tower	1,200	95	25	30	Sept. 15, 1932.
Roads and Trails, Emerg. Const.					
501 Trail construction	19,250	0	0	0	Dec. 31, 1932.
502 Roadside Cleanup	13,450	0	0	0	June 30, 1933.

10-159
(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mts. National Park for the Month of August, 1932.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	6	5	5	19
Number of additions	0	49	1	11
Total	6	54	6	30
Number of separations	0	49	0	18
Number of employees close of month	6	5	6	12
Number of promotions during month	0	0	0	0
Aggregate amount of annual leave taken	0	0	22½	0
Aggregate amount of sick leave taken	0	0	0	0
Aggregate amount of leave without pay	5	0	0	0

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mts. National Park for the Month of August, 1932.

	This Year	Last Year
Park revenue on hand beginning of month, ...	00	00
Received, ...	00	163 50
Total, ...	00	163 50
Remitted, ...	00	163 50
On hand close of month, ...	00	00

Park revenues received this year to date, ...	3 654 55
Park revenues received last year to date, ...	239 50
Increase, ...	3 415 05
Per cent of increase, ...	1426 %

10-23
(May, 1920)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO.

September
Monthly Report

J. R. Eakin, Superintendent.

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.
All Files should be returned promptly to the File Room.
Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 0—7410

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SMOKY MOUNTAINS NATIONAL PARK

GATLINBURG, TENNESSEE
October 8, 1932

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park During the month of September:

000 General

010 Matters of unusual importance

Our monthly report for August stated that of the 7 members of the Tennessee Great Smoky Mountains Park Commission, only 2 members of the old Commission were reappointed, and at a meeting of this Commission a temporary organization was effected. After this meeting it was announced a permanent organization would be formed at the next meeting. At a meeting on September 17 this temporary organization was continued. In the meantime it is the policy of the new Chairman that no properties in the park will be purchased until a permanent organization has been formed. To date 5 weeks have elapsed without any purchases.

020 General weather conditions

There was very little rainfall during the month except for the latter three days of the month, and streams had become unusually low. Several light frosts were reported. The weather report of an observer at Elkmont follows:

Mean maximum	78	
" minimum	52	
"	65	
Maximum	95	Sept. 1
Minimum	41	" 29
Greatest daily range	37	" 19

Precipitation

Total	2.88"	
Greatest in 24 hours	1.43"	" 23
Number of days with .01" or more precipitation	5	

100 Administrative

150 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
41/2405	1,002.46	1,002.46	00
41/2400	7,500.00	7,040.63	459.37
41/2420	23,400.00	23,392.43	7.57
42/3405	10,600.00	2,628.40	7,971.60
42/3420	23,900.00	16,780.22*	7,119.78
43436.1	34,000.00	5,041.39	28,958.61
4x436	416,000.00	00	416,000.00

* $13.45 expended from this amount for fighting forest fires.

140 Labor situation

The labor situation has improved during September within the park area. Approximately 90 men have been given work on trail construction.

150 Equipment and supplies

A Chevrolet ½ ton, pickup body, truck was received for the Tennessee side of the park on September 27, and a similar truck was received for the North Carolina side of the park on September 30, both to be used solely for fire prevention work. In addition several small items of equipment were received for trail construction work.

160 Status of alienated lands

It has been previously reported that all properties in the North Carolina section of the park have been acquired with the exception of 3 timber holdings aggregating 62,000 acres. During the last week of September, the Suncrest Lumber Company's holding of 30,000 acres was definitely optioned. The North Carolina Park Commission will immediately pay $300,000 for a one half undivided interest in this property, the remainder to be paid within 2 years. The Big Creek property of 25,000 acres was optioned some time ago and a payment of [illegible],000 made. The Davenaford holdings of 27,000 acres is the only property in the North Carolina section of the park that has not been purchased or is not under binding option. Unfortunately the Tennessee laws do not permit the procedure adopted by North Carolina in the Suncrest and Big Creek cases.

170 Plans, maps and surveys

The U. S. Bureau of Public Roads party has flagged the [illegible] from Newfound Gap to a point about one-half mile west of Indian Gap. In order to secure a good junction at Newfound Gap it will be necessary to start on the Tennessee side. At a point about one-half mile west of the gap the road will cross to the North Carolina side through a tunnel. This will not only insure the best landscape treatment but will provide a grade separation of the road and trails.

Bureau engineers have retraced the Tosstring-Boundary project in North Carolina. This project will be advertised soon.

200 Maintenance, Improvements and New Construction

230 New construction

Associate Engineer White spent the greater part of the month locating trails. A report of progress thereon follows:

Name of trail	Estimated mileage	Mileage com-str. to 6-30	Est.cost per mile	Cost per mi. to 6-30	Average no. men employed
Ridge Trail	3.8	2.0	$ 400.00	$ 473.83	16.7
Deep Creek Trail	8.5	2.0	300.00	250.16	9.0
Thomas Ridge Trail	11.0	2.25	550.00	323.00	13.1
Rainbow Falls Trail	7.0	1.25	800.00	926.41	20.0

(4) Improvements of approaches to park

During the month, contract for the grading of [illegible] highway No. 112 from [illegible] highway No. 10 via [illegible] Creek to Cherokee, N. C., and from [illegible] No. 107 to the park line, has been let to T. H. [illegible] of Greenville, S. C. The L. Biddle Company has a contract for the major bridge work on the road. This road, when completed, will be one of the main outside approaches to the North Carolina side of the park.

[illegible] Improvement work.

[illegible], formerly Park Ranger in charge [illegible], was detailed and sent to [illegible] to realize his ideas which are proving [illegible] to the benefit of the park.

[illegible] F. [illegible], assistant landscape architect, arrived in the park November 7, [illegible] month. He is interested [illegible] landscape development and preservation in this park. [illegible] to the value [illegible] will improve in the park.

[illegible] activities of other agencies in the park.

31[illegible] Status of unfinished projects of contractors.

[illegible] for the location of the Cherokee-Gatlinburg trail project (traffic [illegible]) has been made by the [illegible] Service. Many [illegible] improvements will be contracted and work let for oiling this summer. [illegible] in Lights, Tennessee road in the south section of Sevier County is [illegible]. North Carolina highway approaches the park in Cherokee County, [illegible] of Bryson City, and the ground was held [illegible] Tuesday and Thursday of each week, resident Landscape Architect Lancaster, [illegible] Highway Commission, contractor [illegible], and [illegible]. The best rock available is on the Tennessee side, about seven-tenths mile from the park. It was [illegible] that small quarry allowed could be established here subject to [illegible] limitation which will really improve the road.

[illegible] Col. [illegible] J. Lee, [illegible] engineer [illegible] Bureau of Public Roads, and a transitman, Lovelock, etc., arrived in the park on October 7. [illegible] and surveys were made in Lodge Grove and the location of the road from Lodge Grove to [illegible] was begun on October 9.

400 [illegible]

410 [illegible]

[illegible] spent the first half of the month as masters of trail when having no more assistance as possible to improve [illegible] is getting crews started on the [illegible] and [illegible] trails. On October 16, Mr. [illegible] left for the east coast on furlough. He will be back early in October.

[illegible] spent the month getting fire equipment in order and distributed, attending to matters of trespass, appointing fire patrolmen, lining up an organization for the coming fire season, [illegible] for improvement, and assisting with the trail work that possible.

[illegible]

[illegible] the following, the [illegible] and [illegible] have been satisfactory. The fruit of Tamarack meeting with [illegible] is very [illegible] and [illegible] considerable amount. The leaves of the [illegible] trees are beginning to turn red, with the exception of [illegible], which, but not for [illegible] these last [illegible].

[illegible] of park facilities to the public

[illegible] visitors

[illegible] Mr. [illegible] Cottoon, [illegible] National Forest, [illegible] September 16 and 18. It gave us an opportunity of discussing [illegible] with Mr. Cottoon in which [illegible].

[illegible] protection

810 Public protection

[illegible] is the number [illegible] for [illegible] crime, [illegible] offenses. In one [illegible] and on [illegible] trespass [illegible] 1. Carrying [illegible] 2. Carrying a car while intoxicated. [illegible] evidence [illegible] in Justice Court in Lodge Grove [illegible] of the [illegible] and [illegible] the latter. [illegible] have proved [illegible] and [illegible] living elsewhere.

In connection with riding the park of undesirables, [illegible] was forced to evacuate some property located on [illegible] Creek during the month. Barrels and [illegible] of [illegible] are being forced out of the park. Notice has been served on four other undesirables in nearby to vacate [illegible] property. The following is a list of arrests made by Tamarack [illegible] during the month:

Date	Name	Address	Offense	Result
9- 9	John T. Costner	[illegible]osby, Tennessee	[illegible]ublic drunkenness	in jail
9-14	Jim [illegible]vans	do	do	fined
9-19	[illegible]	do	do	in jail
9-[illegible]1	[illegible]	do	do	in jail
9-[illegible]3	[illegible]	do	do	fined
9-30	James [illegible]	do	do	in jail
	[illegible]	do	do	in jail
	[illegible] Hatton	do	do	continued trial
	[illegible] Hatton	do	do	in jail

[illegible] of the above are residents of the park. [illegible] Cosby Creek [illegible] the most lawless section within the boundary. [illegible] far as residents of the Cosby Creek section of the park are concerned conditions are vastly improved. [illegible] efforts will have a good effect in that it will restrain the disorderly element, all of whom live outside the park, from [illegible] the park a [illegible].

620 Fire protection

No fires occurred in the park during the month of September. Inflammable conditions were noted in several low elevations outside of the park during the dry spell. [illegible] this condition for the [illegible] is least.

630 Accidents

A motorcycle [illegible] car driven by [illegible], collision, [illegible], [illegible], [illegible], and a car driven by [illegible], model No. 2, [illegible], [illegible] came into collision at a point in the park about [illegible] miles from [illegible]. Mr. Dalton was accompanied by his mother; and Tom [illegible], owner of the car, and the driver's wife, was in the car driven by Mr. [illegible]. [illegible] the accident shortly after it happened and [illegible] of any responsibility for the accident, and based upon the following facts:

The car driven by Mr. [illegible] was proceeding eastward and the car driven by Mr. [illegible] was proceeding westward. [illegible] the road there [illegible] to [illegible], the car driven by [illegible] and caused the rear of the car [illegible] to [illegible]. The impact caused the car driven by [illegible] over and it [illegible] off the road into a field. [illegible] and [illegible] but [illegible] injured but no others were in [illegible] by the accident. The [illegible] was [illegible] and the road [illegible] had a [illegible] and a [illegible]. [illegible] was placing under the influence of liquor but [illegible] to have been badly injured [illegible]. It is [illegible] the [illegible] will [illegible] a [illegible] [illegible] the extent of the injuries to [illegible] were [illegible]. The accident was on a [illegible] section of road. [illegible] in [illegible] the [illegible] car did not carry [illegible].

640 Miscellaneous

[illegible] October 8 I made a talk before the Isaac Lewis [illegible] in Sherrill, the subject being "Hiking and Fire Culture" in the national parks. [illegible] to some excellent motion pictures the talk went over very well.

I was engaged in completing the six [illegible] assessment plan for the greater part of the [illegible]. With the [illegible] development bulletin and [illegible] [illegible] consider I will not have an opportunity of making a personal trip over the [illegible] [illegible] for some time but I could only [illegible] [illegible] of interest to the [illegible].

Reports of [illegible] reviews, [illegible] and [illegible] projects are [illegible].

Sincerely yours,

J. D. [illegible],
Superintendent.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of September, 1932.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
831 Lookout Tower	$1,200	95	0	25	Oct. 15, 1932.
Roads & Trails, Emerg. Const.					
501 Trail Construction	19,250	18	18	0	Dec. 31, 1932.
502 Roadside Cleanup	13,450	0	0	0	June 30, 1933.
Roads & Trails, Nat'l. Parks					
1B1 Boundary Tree-Smokemont	46,000	0	0	0	Dec. 31, 1932.
2A Newfound Gap-Clingmans Dome	370,000	0	0	0	Sept 30, 1933.

10-159
(May, 1931)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of September, 1932.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	6	5	6	12
Number of additions	0	93	0	52
Total	6	98	6	64
Number of separations	0	2	0	39
Number of employees close of month	6	96	6	25
Number of promotions during month	0	0	0	0
Aggregate amount of annual leave taken	0	0	0	0
Aggregate amount of sick leave taken	0		0	
Aggregate amount of leave without pay	14 *		0	

*John T. Heelhan on furlough Sept.15-Oct. 5

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of September, 1932.

	This Year	Last Year
Park revenue on hand beginning of month, ...	00	00
Received, ...	824 35	463 50
Total, ...	824 35	463 50
Remitted, ...	824 35	463 50
On hand close of month, ...	00	00

Park revenues received this year to date, ...	4 478 90
Park revenues received last year to date, ...	703 00
Increase, ...	3 775 90
Per cent of increase, ...	539%

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO. 207-002.3

OCTOBER
MONTHLY REPORT

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J. R. Eakin, Superintendent

IMPORTANT

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 6—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE

November 9, 1932

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of October:

000 General

010 Matters of unusual importance:

Conditions in the Tennessee Park Commission are far from satisfactory. If there was any doubt that the new commission is a strictly political setup it has removed during the past month. Absolutely no progress has been made in acquisition of property by the new commission and apparently it has not occurred to them that this is their principal function.

A meeting was called for October 10 and was attended by Associate Director Demaree and myself. It had been previously announced that at this meeting a permanent organization would be formed. Instead the temporary organization was continued and a resolution was adopted which in effect gave the temporary chairman absolute authority. This resulted in the dismissal of Miss Marguerite Preston, assistant Secretary and Treasurer, to whom efficiency, loyalty, and energy much of the success of the movement to date must be credited. Miss Preston was replaced by a political appointee who was discharged by the old commission for inefficiency and disloyalty. Several new employees were added apparently as political awards and not because they were needed. Secretary and Treasurer E. C. Ault resigned. The bank refused to accept checks until the entire commission in meeting elected Mr. Ault's successor.

At a special meeting on October 31, one of the "ins" was not present and the vote was 3 to 3 and nothing was accomplished. This meeting was timed to coincide with presentation of a petition to the Governor in which residents of the Elkmont section prayed that Col. David C. Chapman not be appointed permanent chairman. Many people who signed this petition were coerced by statements that if they did not do so their leases would be voided and they would be put out of the park. This compelled me to issue a statement that the park and the park only would decide the matter of leasing, and would make decisions on the merits of each individual case, and in reaching these decisions the matter of politics would be entirely eliminated.

A similar petition was circulated in Cades Cove. There, representations were made that if Colonel Chapman was not reelected Permanent Chairman those who had not sold their property could be able to retain it. As the park will not be a going concern until all privately owned land is eliminated, the petition in Cades Cove is really a defeatist movement. It is therefore a matter to be handled by Colonel Chapman and his friends. I have not the least doubt this will be done most effectively.

I am inclined to believe that these petitions will result in the undoing of the "ins".

020 General weather conditions:

Approximately 4 inches of snow fell early in the morning of October 6 along the main top of the Smokies which lasted on until noon of the following day. We have had several good rains during the month; also several heavy frosts.

While data on precipitation in the park for past years is not available the Knoxville weather office reports precipitation as twice the normal amount for October.

The following is a weather report of an observer at Gatlinburg:

Mean maximum	69	
Mean minimum	42	
Mean	56	
Maximum	78	Oct. 4
Minimum	26	" 28
Greatest daily range	39	" 29

Precipitation:

Total	8.86"	
Greatest in 24 hrs.	2.20"	Oct. 16
Number of days with .01" or more precipitation	9	

100 Administrative

110 Status of work:

The last lease in Cades Cove for 1932 was signed during the month. There are 8 leases prepared for County and now ready to be signed. This will complete leasing to be handled by the park for the calendar year 1932, with the exception of a few to be recommended by the Tennessee Park Commission on lands turned over to the Government in the second deed. These have been delayed for the reason that the lessees claim to be short of funds to pay the fees.

120 Park inspections by:

121 Superintendent

On October 4 I made a trip to Barnett Knob for the purpose of temporarily

locating the lookout on the map. On October 10 I inspected the Rainbow Falls-LeConte trail. On October 20 and 21 I was in Waynesville, N. C. for purposes of contact. On October 24 I inspected the Thomas Ridge trail. With the exception of the Waynesville trip the method of transportation was the "shank's mare". Several one day trips were made into various sections of the park in order to check up on impressions I had previously formed.

123 National Park Service officers

Associate Director Arno B. Cammerer was in Knoxville October 9-11 inclusive in connection with the meeting of the Tennessee Park Commission.

Assistant Chief Landscape Architect Peterson was in the park for two days during the month.

130 Finance and accounts:

	Allotment	Expended and obligated	Unexpended Balance
41/2405	$1,002.46	$1,002.46	00
41/2406	7,500.00	7,036.63	464.37
41/2420	25,400.00	25,387.43	12.57
42/3405	10,600.00	3,537.56	7,062.44
42/3420	23,900.00	17,090.41*	6,809.59
43436.1	34,000.00	9,477.01	24,5[illegible].99
4x436	416,000.00	00	416,000.00

* $13.43 expended from this account for fighting forest fires.

140 Labor situation:

The labor situation is reasonably taken care of within the park area. Approximately 60 men have been given work on trails and we have been able to place several men with Colonel Lee on road surveys.

150 Equipment and supplies:

The Blanket Mountain lookout was outfitted during the month with steel cot, cook stove, mattress, blankets, chairs, lanterns, and mess outfit.

200 Maintenance, Improvements and new construction

210 Maintenance:

All fire trails were cleared of wind falls during the month by the patrolmen.

220 Improvements:

Wire and supplies recently ordered for the telephone line from Tellico Ford to Lookout were received and last week Ranger Hogensen and three men cleared the right of way and strung the entire four miles. Approximately one half of this line is attached to existing poles of an abandoned line formerly used by the Champion Fibre Company and the balance hung to trees. An effort was made

river. As soon as certain telephone equipment which has been ordered is received, the telephone will be installed and the line connected with the Barnett Knob line and put in operation.

230 New construction

Excellent progress was made on our trail construction program. They are the first real trails constructed in the park area and are the cause of many complimentary comments. 10.42 miles of trail were constructed during the month which brings the total mileage constructed to date to 17.97 miles, at an average cost of $431 per mile. Four crews are employed, 2 in each state.

240 Improvement of approach roads

During the past month good progress was made on North Carolina 112, and on Tennessee 35. Both these projects lead to the park boundary. Work of grading N. C. State highway No. 112 from highway No. 10 to the park boundary, the contract for which was let by the State early in September, has gone forward during the month. This job was started at the No. 10 end of the project and to date three fourths of a mile has been graded and work started on a number of structures.

On October 23 Engineer Baron of the N. C. State Highway Commission started the survey of the Soco Gap road between the Hollwood and Cherokee. It is understood that the Haywood County part of this survey will be completed before work is started on the Jackson County side which is wholly within the Cherokee Reservation.

During the month the contractor surfacing the concrete-bedded Gap Highway finished placing the first course of rock on the last three miles of this project which definitely eliminates any danger of mud there this winter. We found it necessary to start quarrying operations near the Gap in order to get rock with which to finish the job.

260 Landscape work

The entire month was spent by Assistant Landscape Architect Lutz in the park working in cooperation with the Bureau of Public Roads on two major road projects, and on the location and inspection of construction of four trail projects. Trail location has reached the point, in some cases, where overnight camps near the top of the mountain are necessary for the economical prosecution of the work. Freezing temperatures and inclement weather during some of the overnight stands aided in a later appreciation of the normal facilities of civilization.

During a short visit, Mr. Peterson made an examination of various features on the Tomstring-Boundary Tree survey.

Flagging on the Newfound Gap-Clingmans Dome survey is practically completed to the first controlling gap beyond Clingmans Dome. Examination of the line indicates that the possibility of a tunnel through the spur to the south may be impractical because of excessive length. Intensive study of the various possibilities will be made, however, before reaching any positive conclusions. Adequate topography is being taken by the Bureau for office study.

[illegible] established under difficulties. Torrential downpours followed by excessive [illegible] and [illegible] transformed the complete area into a sea of mud. Unfamiliarity with such weather made the [illegible] difficult to handle, the worst hard hitting inadvertently that should be voting parts of [illegible] normal [illegible]. [illegible] in good order by the [illegible] conditions. At present, however, good progress is being made. [illegible] individual [illegible], and [illegible] be [illegible] fairly [illegible].

In [illegible] the [illegible] line [illegible] 1961. [illegible] it was decided to [illegible] by slightly increasing the [illegible] [illegible], by from 1/8 to [illegible], the long, fairly level stretch in Collin's [illegible] could be followed over a considerably greater distance, thereby giving a better view with considerably less [illegible] to the terrain and a [illegible] saving in construction costs, as the excessive [illegible] still cutting could be reduced by a considerably flat [illegible] section. This scheme was really [illegible] to the [illegible] and in [illegible] the [illegible] line remained [illegible] in mind.

Final [illegible] has been [illegible] carried out to the satisfaction of [illegible] and [illegible] surveying [illegible]. It is planned to give the office [illegible] and cross sections a close check during the month of November.

Land [illegible] has been [illegible] for the Trent [illegible] project [illegible] and the work advertised [illegible] the [illegible] of [illegible] in November 1[illegible]. In order to avoid delay in [illegible] the necessary [illegible] approvals the plans were [illegible] by the [illegible] Architect [illegible] in [illegible] [illegible]'s [illegible] instructions.

Final cross sections are at present being [illegible] throughout the [illegible] project, [illegible] being plotted in all [illegible] the [illegible] [illegible] architect.

300 Activities of other agencies in the park

314 Complaints

[illegible] cutting of brush and [illegible] along the little River [illegible] [illegible] in [illegible] [illegible]. [illegible] the [illegible] is [illegible] [illegible] [illegible] a [illegible] [illegible], only. [illegible] complaints [illegible] the [illegible] [illegible] for safe driving. The [illegible] is not considered a serious [illegible] [illegible] reality of [illegible] in this area.

315 Incidents

[illegible] Hills A. [illegible] stated that he still [illegible] a [illegible] crushed [illegible] [illegible] by [illegible] November. [illegible] [illegible] [illegible] [illegible] [illegible] month.

The [illegible] project (North Carolina), 3.[illegible] miles, has been [illegible] for [illegible] in November. The project will be financed from [illegible] [illegible] funds.

320 [illegible] governmental agencies

[illegible] October 7 assistant commissioner Cattermole of the [illegible] service, Mr. Cattermole, [illegible] and I served on committee for the Chamber fair. The trip gave me a fine opportunity of discussing on the ground the proposed [illegible] of land along the Indian Lake. The situation is somewhat unusual in that [illegible] is in the hands of the [illegible] and the [illegible] of the [illegible] and the [illegible] Indians.

I am much impressed with the possibilities of the Chamber fair in connection with the attraction of the surrounding country and tourist travel. I am inclined to agree with many thinking people who believe the native sports, dances, crafts, etc. should be encouraged, and the usual carnival company which has been a feature for several years should be eliminated. The carnival company gives an air of modernity which is entirely out of keeping with what should be the dominant note.

400 Flora, fauna, and natural resources

410 Ranger service

Assistant C in charge Goodwin who was absent on furlough the last half of September returned to duty October 7. Since his return he has been engaged in lining up the fire protection organization for the Fall fire season, making contacts with various agencies cooperating in fire prevention work on lands in the [illegible] not yet been acquired and making inspection trips to the various fire guard stations. In addition to this, there has been much work to be done in connection with the removal of lumber and debris for the [illegible] park.

On October 1[illegible], accompanied by [illegible] Reichler, forest supervisor District Forester [illegible] visited all fire guards maintained by the State in the Haywood County district of the park. On this trip we [illegible] the Haywood-[illegible] County line and visited with a view to determining its suitability for a fire lookout. It was found, however, that in account of [illegible] and several feet of snow, it would be valueless as a fire lookout.

During the month October [illegible] was several trips to the Lonesome Lake fire lookout in connection with the installation of equipment there. [illegible] trips in direct relation to the observatory. After accompanying [illegible] to the lookout station (which did not show it) by the three point [illegible], he promised and [illegible] suitable for the use of the observer. In addition to this work he spent a week on the construction of the [illegible] telephone line.

470 Animals

Several bear cubs were found in private lands in and around the park during the month. One October 1[illegible] was killed on the Cosgrove Lumber Company land inside the park on the Smallhouse Creek and the next day another was killed by different carriers on the Green, which is a private lands inside the park.

Two house cats were killed inside the park during October. [illegible] has been a good season for all bird life and there was a marked increase in bird life.

It is the consensus of opinion of residents of the park that deers are increasing.

480 Natural phenomena

Autumn colors were at their best October 12.

500 Use of park facilities by the public

510 Increase or decrease in travel

Park and travel continued heavy during October. In estimating travel for the year we had figured the month as one of heavy travel month. This further proves the figures were very conservative, for on Sunday, October [illegible], travel was as heavy in the park as at any time during the summer. Sunday, October 31, also there was considerable travel, especially in the Little River and Tenkiller Ext sections.

600 Protection

610 Police protection

Notice was served by Warren Tony of Cherokee, Webb and Elizabeth Walker of Tahlequah to vacate the property not later than November 14.

Albert Watson of Tahlequah was arrested by Stewart County on October 23, for public drunkenness, committed and was sent to jail. He was unable to pay a fine. [illegible] Patrolman Polk of Tahlequah arrested Frank for drunkenness at the [illegible] Park. They were brought to town and lodged in the County jail. In the local Justice of Peace Court last week one of the five was fined $2 and costs (a total of $32 each), and the fifth, one Albert Cook, was sentenced to 30 days on the road for carrying concealed weapons. The other three involving former park residents scheduled for hearing next week.

Report that Tahlequah [illegible] on January 20 into the Little River section to search Uncle Art Turkey's home, etc. The wood had been stolen. Dishes were found in the barn but nothing was found in the house. However, he did find in the upstairs part of the house 7 stills operating [illegible] on the mountain back of the hill. Uncle Art claims that he didn't know anything about the stills. Mr. Turkey was warned not to cut trees in his home or long as he lives inside the park. Near Mr. Turkey's home, some clothing, bedding, and whiskey was found. The clothing and bedding were identified by the Brown as articles that had been stolen from him. Turkey was arrested and is now in jail.

620 Fire protection

Our fall fire season begins Oct. 15. Owing to frequent rains there was very little danger to date.

Under an arrangement similar to that in force heretofore the Spring Hill

continue to cooperate in fire protection work in the Haywood County part of the [illegible] only the small tract have been deeded to the United States. This fall, in addition to completing a network of roads as soon as conditions permit it, they will also cover any fire fighting costs incurred in this area. The [illegible] service will [illegible] roads and [illegible] equipment will be [illegible] hundred [illegible] fire [illegible] in the area.

In the [illegible] part of the [illegible] fire protection work is handled by [illegible]. On October 17, [illegible] Charles [illegible], Clifford [illegible] and Jack Calhoun were placed on duty at Waynesville, Canal Creek and Hurricane Creek, respectively. They have been instructed to occupy themselves clearing out fire trails during wet weather when it is not necessary to patrol. In charge of [illegible] Jenkins was placed on duty on [illegible]. This makes 7 work fire guards employed on the North Carolina side of the park at the present time. As soon as the telephone line to Barnett Creek is completed a lookout will be placed on Cove Creek.

The new Chevrolet ½ ton truck for fire protection purposes on the North Carolina side is now in the process of being revamped and equipped to serve as a fire truck. The Tennessee ½ ton fire truck has been equipped with a siren, and tool chest.

[illegible] report no fires on the North Carolina side of the park during the month.

All fire [illegible] in the Tennessee section of the park were put out with control 1, and little inspection has been furnished each patrolman.

One fire occurred on the Carter Lumber tract, bordering on the Cherokee Indian tract, on October 21, which burned over approximately 2½ acres. The suppression cost, which was borne by the tract, amounted to $20.00. Patrolman John McCamley failed to follow written instructions on this fire and will be reprimanded in letter for his action.

[illegible] Miscellaneous

On October 1 [illegible], [illegible] and [illegible] attended the meeting of the Smoky Mountains [illegible] Association at Gatlinburg [illegible].

[illegible] of the revenue, personnel and emergency projects are attached. Also, several photographs of trail work, and the construction of the Barnett Creek lookout tower and cabin.

Sincerely yours,

J. A. [illegible],
Superintendent.

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of October, 1932.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
831 Lookout Tower	$1,000	99	4	0	Nov. 12, 1932.
Roads & Trails, Emerg. Const.					
501 Trail Construction	19,250	43.8	25.8	18	Dec. 31, 1932.
502 Roadside cleanup	13,450	0	0	0	June 30, 1933.
Roads & Trails, Nat'l. Parks					
1B1 Boundary Tree-Smokemont	46,000	0	0	0	Dec. 31, 1932.
2A Newfound Gap-Clingmans Dome	370,000	0	0	0	Sept 30, 1933.

10-159
(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of October, 1932.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	6	96	6	25
Number of additions	1	14	0	49
Total	7	110	6	74
Number of separations	0	10	0	54
Number of employees close of month	7	100	6	20
Number of promotions during month	0	0	0	0
Aggregate amount of annual leave taken	0		15	
Aggregate amount of sick leave taken	0		0	
Aggregate amount of leave without pay	5*		0	

*John T. Needham, on furlough until noon, Oct. 7

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of October, 1932.

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	56 00	996 00
Total,	56 00	996 00
Remitted,	56 00	996 00
On hand close of month,	00	00

Park revenues received this year to date,	4 534 90
Park revenues received last year to date,	1 699 00
Increase,	2 835 90
Per cent of increase,	167%

[illegible]' steel lookout tower, Barnett Knob. [illegible] built during conservation by the [illegible] in cooperation with the Indian Service.

Barnett Knob lookout, showing trenches for laying copper wire for lightning protection.

Lo[illegible]t's [illegible]in, [illegible]tt Knob.

Concrete footing for 60' steel observation tower, [illegible]tt Knob.

Trail 6 — Lower flank rocky bar

Re-found lap-at. Upper Trail

Trail [illegible], Rainbow Falls

Ridge Hill section, Thomas Ridge Trail.

Ridge Trail

[illegible] on Rainbow Falls-Mt. Lafayette Trail

10-23
(May, 1920)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO. 207-002.3

NOVEMBER 1932
MONTHLY REPORT

J. R. Eakin, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.

All Files should be returned promptly to the File Room.

Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1932 0—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE

[illegible] 1, [illegible]

[illegible] Director,
[illegible] Service,
[illegible]ton, D. C.

[illegible] Director:

[illegible] report of activities in [illegible] National Park for the month of November:

000 General

010 [illegible]:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] during the week follows:

Nov. 1 and 2, [illegible], of the [illegible] division.
" 3, accompanied [illegible] in [illegible].
" 4, [illegible] Lit Activities Library, particularly the [illegible] were accompanied to [illegible]. [illegible] were made.
Nov. 12, met [illegible] at Knoxville and [illegible] to be [illegible].
" 13, drove [illegible] Gatlinburg to Knoxville.
" 14, at [illegible]ville.
" 15, at [illegible]xville.
" 16, at Knoxville.
" 17, inspected Thomas Alloy [illegible] with [illegible]. Taylor and [illegible].
" 18, inspected [illegible] of [illegible] route with [illegible] (resident engineer, [illegible]), and [illegible]. Taylor, Waterson, White, and [illegible].
Nov. 21, left [illegible] for Knoxville.
" 22, in Knoxville.
" 23, attended meeting of [illegible] see [illegible] maintain [illegible] in Knoxville.
Nov. 30, [illegible] proposed closing of [illegible] all [illegible] Falls, [illegible] Gatlinburg. Also inspected a number of buildings in the [illegible] and received [illegible] of them to be [illegible].

[illegible] in Knoxville was [illegible] the [illegible] of the [illegible].

I [illegible] to [illegible] [illegible] the [illegible] of [illegible] [illegible] the [illegible], [illegible] and [illegible] [illegible] of the park.

15. [illegible] [illegible] officers:

[illegible] Director [illegible] Knoxville on [illegible] 1. [illegible] by [illegible] and drived [illegible] [illegible] the park. On Nov. 18 he [illegible] Knoxville. [illegible] left [illegible] Knoxville on [illegible] 19, [illegible] superintendent and other [illegible] officials. [illegible] Knoxville [illegible] of Nov. 19, leaving [illegible] that night.

[illegible] Superintendent [illegible], and [illegible]. Vint, [illegible] [illegible] Taylor, [illegible] [illegible] [illegible]. [illegible] arrived in the park November 14. Mr. and Mrs. Vint left November 17; Mr. [illegible] November 21, and Mr. [illegible] November 22.

[illegible] of the [illegible] division and Mrs. [illegible] in the park [illegible] 1. [illegible] [illegible], [illegible], [illegible]. [illegible] the park in the [illegible]. Mr. [illegible] [illegible] [illegible] [illegible].

150 [illegible]:

	[illegible]	Expended and [illegible]	[illegible] Balances
41/[illegible]	[illegible]1,002.46	[illegible]1,002.46	.00
41/2406	7,500.00	7,035.63	464.37
41/[illegible]0	[illegible],400.00	[illegible],3[illegible].43	1[illegible].57
42/[illegible]	10,600.00	4,720.77	5,879.23
4[illegible]/34[illegible]	[illegible],900.00	1[illegible],[illegible].43*	5,649.57
4[illegible].1	34,000.00	14,464.08	19,5[illegible].92
4[illegible]	450,000.00	.00	450,000.00

* [illegible].46 [illegible] for [illegible] fire.

160 [illegible]:

[illegible] is fairly well [illegible] 114 temporary men [illegible] construction, fire patrol and miscellaneous maintenance work, and the [illegible] of men employed [illegible] 94.1.

1[illegible]:

[illegible] trail construction.

17[illegible]:

[illegible] 28,700 [illegible] tract [illegible].

17[illegible]:

[illegible] preliminary location [illegible]. It is [illegible] location this winter and locate it [illegible]. [illegible] will [illegible].

[illegible], [illegible]

[illegible]0 [illegible]

[illegible] trails were cleared of

windfalls [illegible] the [illegible], a distance of approximately 14 miles.

[illegible] Improvement

[illegible] in the improvement-[illegible] line [illegible] the constructed [illegible] [illegible], however. [illegible] in the observatory on the lookout [illegible] of a telephone call in the lookout's cabin, one in the [illegible] residence of [illegible] and one in the residence of [illegible], [illegible] at [illegible]. At the latter point the part [illegible] line [illegible] the metallic line into [illegible] on a switchboard and installed [illegible] disconnecting the two lines in case of too much static in the [illegible]. [illegible] this season of the year, fortunately, we have found it possible to [illegible] the two lines connection [illegible] with [illegible] direct communication between the [illegible] City office and Fort Burnett [illegible] and [illegible].

In addition to the above, during the month the [illegible] service built an additional four miles of line connecting with the Burnett [illegible] line at the [illegible] of Pigeon Creek and extending to the junction of Straight Fork and [illegible] Fork in the [illegible] Cove section of the Cherokee Reservation, at which point they [illegible] a subscriber station.

[illegible] Road Construction

A brief of [illegible] Indian Agent's report on trail construction follows:

[illegible] the [illegible] trails [illegible] the Wild Alum of [illegible] and [illegible] have been [illegible]. [illegible] on the [illegible] trails [illegible] and their construction has progressed rapidly. [illegible] of these trails have reached about one mile in [illegible]. If [illegible] additional [illegible] could be [illegible] or [illegible] [illegible] [illegible].

[illegible] Indian [illegible] trail [illegible] has been very slow due to the [illegible] of [illegible] in the vicinity of [illegible]. This consists of [illegible] from boulders to [illegible], including what is known [illegible] as [illegible]. These latter are [illegible] of large rock of varying size that have broken off [illegible] and rolled down, collecting usually in [illegible] and [illegible]. [illegible] boulders [illegible] found during the [illegible] and the [illegible] of all classes of [illegible] and [illegible]. Construction has reached a point [illegible] and it is hoped [illegible] there [illegible] will not be as difficult.

[illegible] progress of the [illegible] was satisfactory.

[illegible] of [illegible] [illegible] as we could [illegible] follows:

Trail [illegible]	Estimated Mileage of trails	Mileage Constructed to date	Cost per mile
[illegible] Trail	[illegible].0	3.0	[illegible].24
[illegible] Trail	[illegible].0	6.6	[illegible]
[illegible] Trail	11.[illegible]	12.5	[illegible]
[illegible] Trail	4.[illegible]	0.0	[illegible]
[illegible] Trail	7.[illegible]	5.0	1,[illegible]
[illegible] Trail	6.0	4.0	[illegible]

[illegible] of trails [illegible] [illegible] on the [illegible] Trail there is approximately [illegible] to be constructed, making the total length of this trail 13.5 miles.

(d) Improvements of access roads to park

[illegible] from Little Switzerland to the park boundary in Mitchell County is being carried in cooperation with the county. This work is being done by convict labor. In Yancey County, additional work is being placed on the road between [illegible] and Black Cove.

Good progress was made on reconstruction of North Carolina Highway No. 112, from the Tennessee line to North Carolina Highway No. 19, and on Tennessee Highway No. 71, from Knoxville to Gatlinburg.

North Carolina authorities have finished the line from Cullowhee to Cherokee via [illegible] and are now [illegible] location.

(e) Landscape work

We are negotiating with the Champion Fiber Company with the idea of having all timber within the road prism on the Blue Ridge Parkway removed. Such removal, if [illegible], will be subject to select landscape [illegible], and will obviate the problem and risk of burning on the right of way.

Using five borrowed trucks, 10 of which were on the [illegible] [illegible] and 15 on the [illegible] Trail, which were in the right of way of the new Cherokee-Gatlinburg Tree Highway [illegible] to the Indian Village [illegible] Cherokee. [illegible] being planned around the superintendent's office and [illegible]' [illegible].

Superintendent Lemuel [illegible] T. Howell Ludgate was on duty in the park the entire month. [illegible] in touch with all road location, and trail location [illegible]. [illegible] comments from his monthly report follow:

[illegible] the lowest mountain lodge was [illegible] by Superintendent Smith for the purpose of [illegible] this section of the park.

[illegible] road to the park boundary was [illegible] with superintendent [illegible] to examine the section of [illegible] occupied by the railroad tracks of the Little River Lumber Company with the idea of aiding

the [illegible] [illegible] [illegible], who are planning on [illegible] sections of this road. It was found that the only section of road [illegible] to be widened because of the trees lay outside of the park boundary, and consequently was not under the jurisdiction of the [illegible] Service.

[illegible] trips were made during the month with [illegible]. [illegible] and [illegible], of the Bureau of Public Roads who reviewed the preliminary location of the [illegible]'s [illegible] road. [illegible] [illegible] Lee is at present working on calculations to show the economic point at which a [illegible] of wall will be balanced in cost by the amount of excavation saved in its construction - the results [illegible] to be [illegible] from a landscape standpoint. This is in direct contrast to Mr. [illegible]'s belief that wall construction would be considerably more costly, and that the road should be [illegible] on [illegible] sections, [illegible] the [illegible] materials in the hollows.

[illegible] <u>[illegible] of [illegible] [illegible] in the park</u>

31[illegible] <u>[illegible] [illegible]</u>

On November 1[illegible], twelve bids were opened for clearing, grading, structures, and surfacing of the [illegible]-[illegible] [illegible] project in North Carolina, [illegible] miles. [illegible] L. [illegible], [illegible], N. C. was low bidder with a bid of $77,507.40, about 10 per cent above the engineers' estimate.

[illegible] <u>Status of [illegible] [illegible]</u>

[illegible] L. [illegible] has practically completed [illegible] [illegible] [illegible] of the [illegible] [illegible]-[illegible] project. This project will be oiled by North Carolina next spring.

[illegible] <u>[illegible], [illegible] [illegible]</u>

[illegible] [illegible] 10, [illegible] [illegible] [illegible] [illegible] and [illegible] of the U. S. Weather Bureau, [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] equipment for [illegible] [illegible] and [illegible] [illegible] which it is hoped will be helpful in forecasting fire weather conditions was installed. [illegible] equipment consisted of an instrument shelter, hygrobarograph, [illegible] [illegible] [illegible], [illegible] and [illegible] [illegible]. [illegible] [illegible] [illegible] is [illegible] at this point will keep the records and transmit them [illegible] [illegible] to Asheville where they will be [illegible] and analyzed. [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] at [illegible].

400 <u>[illegible], [illegible], and [illegible] [illegible]</u>

410 <u>[illegible] [illegible]</u>

[illegible] [illegible] traps, two of which were not [illegible] found, were turned in to [illegible] [illegible] [illegible] [illegible] during the month. One of these was found by the [illegible] [illegible] [illegible] [illegible] [illegible] by the [illegible] [illegible] of [illegible] [illegible]. [illegible] of these [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] and [illegible] [illegible] a [illegible] [illegible] of a [illegible] [illegible] trap.

[illegible] several days on Barnett Knob putting the lookout in shape for operation. During this time he installed the telephone, extension wall and necessary maps, instructed the lookout and removed some limbs on the surrounding trees which obstructed the view. He also constructed three tool boxes and installed complete equipment on these fire towers. In addition to this, he prepared maps for the use of backfiring [illegible] and installed the telephone at Barnett Knob, Williams and Pritchard Mountains.

[illegible] spent most of his time during the month on fire [illegible] and hearing cases. All leases in the North Carolina part of the park but one expire in December 31, and there is much work to be done in connection with their renewal. Both [illegible] and [illegible] spent the 29 and 30th attending Federal District Court in [illegible] City in connection with park cases before it.

470 [illegible]

Dr. L. T. Kornegay, Herpetologist, Citadel College of Science, reports that [illegible] has observed and has with [illegible] observed it there [illegible] at least 10 black bears in the Greenbrier section, alone. He has [illegible] confined his studies to this section. He believes that the only animal which may need control is the red fox. He accounts for this by the fact that owing to the liberation of many red foxes in this section in years past by fox hunters there are now red foxes that would naturally be in the park.

As a result of Dr. Kornegay's preliminary studies he makes the following comments:

1. There are [illegible] species of mammals known in the park. There may other small forms yet to be discovered.

2. It is known that at present [illegible] mammals occur in the park. Of the mammals native to the park only 3 are extinct (cougar, timber wolf, bison, elk and otter).

3. There is a [illegible] of 180 birds in the park, many of them breeding [illegible]. Upon thorough study this number may be doubled.

4. It is believed that one family of salamanders originated in the park. The park is the only place in the world where the aquatic, semi-aquatic, and land forms of one family of salamanders are found in close proximity.

5. The rare [illegible] frog, a new subspecies, so far as known is confined exclusively to the park.

[illegible] have found a species of lizard near the edge of the [illegible] of Pueblo [illegible] near Elizabeth's Dome. [illegible] were [illegible] removed. [illegible] spider bites [illegible] seen in the field of [illegible]. [illegible] does

was seen on [illegible] [illegible].

[illegible]. [illegible] [illegible] [illegible] locally [illegible] to be [illegible] is [illegible] lynx.

490 Miscellaneous

[illegible] 1s, 508 pails of fingerling rainbow trout, containing [illegible],[illegible] fish were received from the [illegible] Hatchery, Gatlinburg, Virginia. The fish averaged 4[illegible] inches in length and were held by local enthusiasts [illegible] plants [illegible] fish in [illegible] part to be the finest consignment ever planted in this section. [illegible] the very fine cooperation of the Knoxville Chapter of the Izaak Walton League of America, the greater part of the shipment was planted free of cost to the park.

They were planted in the following streams:

85 pails	Bradley Creek, [illegible].
136 "	[illegible] Little River, [illegible].
54 "	[illegible] fork of Little Pigeon, [illegible].
83 "	[illegible] Creek, Little [illegible], [illegible].

500 Use of park facilities by the public

510 Travel

[illegible] travel [illegible] considerably [illegible] as compared to the previous [illegible]. The largest [illegible] portion that visited [illegible] were 75 members of [illegible] of the American Evolution, and 150 members of the Southern [illegible] Association.

600 Protection

610 Game preservation

There was a still [illegible] of the [illegible] trout in [illegible] and in the [illegible]. The still [illegible] were [illegible] [illegible] [illegible] occurred during [illegible]. [illegible] were captured by Sevier County officers and the other, Bill [illegible], escaped.

The folly [illegible] were taken before Commissioner Allen during the month.

Date	Name and address	Charge	Penalty	
Nov. 4	Jim Abbott, Gatlinburg, Tenn.	Use hunting	$10 and cost	susp.
	John " " "	" "	" " "	"
	Elmer " " "	" "	" " "	"
6	[illegible] Oakley, Tenn.	Hunting shrub	" " "	"
30	[illegible] Jones, Cosby, Tenn.	Hunting	$4.34	
	[illegible] Lindsey, "	"	4.34	
	Hampton Proffitt, Cosby, Tenn.	"	4.34	
	[illegible] Proffitt, " "	"	4.34	

Three guns belonging to the four men from Cosby were confiscated by the Commissioner.

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]
[illegible]	[illegible] burning	[illegible] fine
[illegible]	[illegible] closed stores	15.[illegible]
[illegible]	[illegible] closed stores	50.[illegible] fine each. [illegible] years and [illegible] placed on probation.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] the [illegible], [illegible] employees of [illegible] all [illegible] 1[illegible]. [illegible] will [illegible] remov[illegible] and [illegible] on their loads. [illegible] truck will be available for [illegible] the Company [illegible] [illegible] means of a [illegible] to [illegible].

[illegible] fire [illegible] did [illegible] this fire. [illegible] just [illegible] [illegible], [illegible] 11 acres [illegible] cost [illegible].

[illegible] [illegible]

About 7 a.m. on November 13 a [illegible] driven by [illegible] Jones of [illegible]ville, [illegible] and carrying [illegible] of West Virginia [illegible] junction of route 971, [illegible] 30 feet [illegible] small [illegible] skull and several [illegible] and bruises. [illegible] to [illegible] hospital [illegible].

[illegible] [illegible]

[illegible]

[illegible] your[illegible],

[illegible],
[illegible]cting Superintendent.

[illegible]c.

[illegible] lab on [illegible] trail

[illegible]

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of November, 1932.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
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Roads & Trails, Emerg. Const.					
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502 Roadside cleanup	13,000	0	0	0	June 30, 1933
Roads & Trails, Nat'l. Parks					
1B1 Boundary Tree-Smokemont	80,000	0	0	0	Mar. 31, 1933
2A Newfound Gap-Clingmans Dome	370,000	0	0	0	Sept 30, 1933

10-159
(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of November, 1932

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	7	100	6	20
Number of additions	0	14	0	95
Total	7	114	6	115
Number of separations	0	0	0	95
Number of employees close of month	7	114	6	20
Number of promotions during month	0	0	0	0
Aggregate amount of annual leave taken	0	0	2	0
Aggregate amount of sick leave taken	0	0	0	0
Aggregate amount of leave without pay	0		0	

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of November, 1932.

	This Year	Last Year
Park revenue on hand beginning of month, ...	00	00
Received, ...	77 00	106 00
Total, ...	77 00	106 00
Remitted, ...	77 00	106 00
On hand close of month, ...	00	00

Park revenues received this year to date, ...	4 611 90
Park revenues received last year to date, ...	1 805 00
Increase, ...	2 806 90
Per cent of increase, ...	155%

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO. 207-002.3

DECEMBER 1932
MONTHLY REPORT

Chas. S. Dunn, Acting Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 6—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE

January 7, 1933

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of December.

000 General

010 Matters of Importance:

On December 30 a letter was received from Superintendent Eakin at New Martinsville, West Virginia, advising of the illness with pneumonia of Mrs. Eakin who, at the time, was recovering but it was expected that it would be a few weeks before she would be able to travel and return with him to their residence in Gatlinburg.

On December 31, the local press carried a news item stating that the Laura Spelman Rockefeller Foundation had granted a six months extension on the time within which the Tennessee and North Carolina Park Commissions must spend the balance of $5,000,000 to be donated by the foundation for purchase of lands in the park. All donated sums up to the amount mentioned must be matched dollar for dollar by the two States.

020 General weather conditions:

The first snow of any depth fell on the 16th. There were traces of snow fall on the 15th and 31st. Precipitation during the month was above normal, and Abrams or Cove Creek in Cades Cove rose over its bank and spread into the meadows in the lower end of the Cove. A report of an observer at Elkmont follows:

Mean maximum	51	
Mean minimum	31	
Mean	41	
Maximum	66	Dec. 30
Minimum	14	" 18
Greatest daily range	33	" 31

Precipitation

Total	(rain)	10.73"	
	(snow)	4.07"	sec. 18
Greatest rain in 24 hrs.		1.99"	" 23
Number of days with .01" or more precipitation		14	

100 Administrative

110 Status of work:

There is one lease incompleted for the calendar year 1933. The party for whom this lease was prepared states he has not been able to obtain the [illegible] fee in payment of same, and that he is trying to find a purchaser for some of his crop in order to raise money to pay for the lease. The matter has been held in abeyance for a few weeks more. None of the leases for 1934 have been prepared but the problem of collection of the fees, although in most cases small, will be a serious one.

During the latter part of the month work in the park discontinued and the superintendent, Associate Engineer, Assistant Landscape Architect and [illegible] of the rangers left on furlough for the Christmas holidays.

120 Park inspections by
1[illegible] legal representatives

Associate Engineer White, Assistant Landscape Architect [illegible], Col. [illegible] of the Bureau of Public Roads, and I made an inspection trip of the state line between Deadwood and Lyman, Bald on December 8 and 9. The night of December 8 was spent at the Russell Field. Assistant Landscape Architect [illegible]'s opinion was that should the ridge road be extended in this direction, careful location studies should be made, as the controlling grade will not limit the location to considerably as on the stretch from Roundup Gap to Clinton [illegible]. The possibility of the Indian Cave lake is also to be considered in this connection, as some remarkable views of the Indian Cave country are to be found [illegible] portion of the valley.

130 Changes and [illegible]

	Allotment	Expended and Obligated	Unexpended Balance
41/3403	[illegible] 7,500.00	[illegible] 7,027.[illegible]	[illegible] 472.73
41/3420	23,[illegible]00.00	23,357.43	12.57
42/[illegible]	[illegible].43	33.43	.00
42/3406	10,000.00	5,539.73	5,000.27
42/3420	23,900.00	13,[illegible].90	5,063.10
[illegible].1	34,000.00	16,914.98	17,085.02
[illegible]	450,000.00		450,000.00

140 [illegible] situation

There were 117 temporary men employed on work in the park during the month.

When trail construction was stopped on the 17th practically all of these men were laid off. The daily average number of men employed during the month was 80.03

150 Equipment and supplies

A drafting table, 48" T square, a pair of binoculars, and several smaller items of equipment were received during the month.

200 Maintenance, Improvements and New Construction

250 New construction:

Associate Engineer White reports that on December 17, trail construction in the park was discontinued. Weather conditions were becoming increasingly unfavorable and on the 14th the foremen were given orders to move out. On the 15th there came a snow storm which left around four inches in Estlinburg. This was followed by rain and sleet in the lower levels and snow at the higher elevations so that the crew coming in from LeConte reported about 10 inches there. When the weather breaks, it is planned to start a large crew to complete construction of the remaining trail work to be undertaken during this fiscal year. A brief outline of the status of this work follows:

Trail Name	Mileage Constructed	Percent Complete	Cost per mi.
Ridge Trail	3.00	100	[illegible].24
Deep Creek Trail	7.50	100	357.30
Thomas Ridge Trail	13.25	100	263.34
Andrews Bald Trail	.00*	0	.00
Rainbow Falls Trail	3.25	46.4	1,237.05
Boulevard Trail	5.37	100	636.[illegible]

* Estimated mileage, 4.5.

260 Improvement of approaches to park

Patching and straightening of roads is being done to the Jones Ferry road, the highway between Gatlinburg and Newport, and the Maryville to Townsend section of the loop highway.

400 Landscape Work

Landscape Architect Little was away on furlough from December 21 to the end of the month and reports that his time in the park during the month was spent in cooperation with the U. S. Bureau of Public Roads on the Clingmans Dome and Newfoundland Gap projects, and in the inspection and location of four trail projects.

On a preliminary sketch of the contractor's layout on the top of Mt. Cammerer he reports that this will be an important construction point on the northeastern part of the park, as it is already very popular for hikers. Horseback trails

interest that at this point will bring a greater number of visitors to the summit, and the current concrete road extension must be extended to accommodate anticipated future needs. Small cabins with a central dining hall supplemented at the base in cooperation with other facilities should meet the tourist demand. The plan provides for the construction of these small cabins as travel and demand for them increase. Stables and toilet accommodations should be provided as soon as possible. As this is an intersection point for several important trails, a ranger station has been indicated on the plan.

Surveys were completed during the month by the Bureau of Public Roads from Rockfish Gap to Milepost [illegible]. These include complete topography for the ridge road as well as for the spur to Wintergreen Park, together with topographic necessary for the study of a parking area on top of the ridge. Office work on design studies will commence in January.

300 Activities of other agencies in the park

315 Road Contracts

Hello L. Teer of Durham, North Carolina, contractor on the Swannanoa-Boundary Tree project, started construction on December [illegible].

[illegible] Cooperating governmental agencies

A letter of thanks was received from H. L. Stamey, Supt. of Mails, Asheville Station post office, Asheville, North Carolina, for the loan of one Dodge 1/2 ton light delivery trucks which was used in the distribution of Christmas mail and parcels.

The Ohio, Indiana bowling team bowled on Little Catalooche Drive, Harwood County, on December 21, [illegible]. On the Catalooche, North Carolina post office on the Cataloochee Drive was closed June 15 [illegible] this was because [illegible], Drive Cataloochee Drive the only remaining post office in the Eastern section of the park.

[illegible] Fauna and natural phenomena

[illegible] Birds

At a bird count in Shenandoah and Grandfather Gold on December 8 and 9, 1[illegible] [illegible], [illegible] were seen for our out signs.

[illegible] Bear either cubs or foxes are killed some bears in the Pocket Park, on Laurel Creek of the East Fork of Little River.

[illegible] Protection

[illegible] Public protection

[illegible] H. A. Wilson, Sevier, North Carolina was caught hunting in the park [illegible] Thanksgiving day. He had a shotgun and a pistol in his possession. He

[illegible] December 24th [illegible] on a warrant was tried by the U. S. Commissioner. He was released under a $300 bond for Federal Court trial and in a hearing before a Justice of the Peace [illegible] bound over under $200 bond on a concealed weapon charge for state court trial.

[illegible] cap[illegible] a still on December 26 just above the Indian Gap trail near the [illegible] and [illegible] barrels of beer.

[illegible] lawyer [illegible] barrels of beer and [illegible] will serve in [illegible] jail. [illegible] trial [illegible] ? [illegible] costs.

The following men were found guilty in Commissioner [illegible] during December for violations of park regulations:

Name	Address	Violation	Cost & Fine	Confiscation
[illegible]	Townsend	hunting	[illegible].37	
Edward [illegible]	"	"	3.37	shotgun
Charles Burns	"	"	3.37	rifle
[illegible]	"	"	3.37	shotgun
George [illegible]	"	"	3.37	shotgun
Julius Cole	Sevilinary	" & trapping	[illegible]	rifle, 3 traps
Daniel Beal	Knoxville	trapping [illegible]	5.[illegible]	
[illegible] Beal	"	" "	[illegible].2[illegible]	
William [illegible]	"	" "	5.[illegible]3	
[illegible] Wilson	"	" "	[illegible].2[illegible]	
[illegible] Wilson	"	" "	[illegible].[illegible]	
[illegible] Lewis	"	" "	5.[illegible]	
Willie [illegible]	Cosby	[illegible]	jail [illegible]	
[illegible]	"	do	" "	
[illegible]	"	[illegible] dr[illegible]	" "	
[illegible]	"	do	" "	

Fire Protection

[illegible] cold [illegible] and [illegible] heavy rains falling in April the [illegible] season in December, the fall fire season was ended then. [illegible] temporary fire [illegible] were laid off [illegible] the lookout man on Bearwallow and Blanket mountain.

Two small fires occurred on the North Carolina side of the park in November. Although they were [illegible] over to the proposed park area, they [illegible] and [illegible] or actively [illegible] and were handled entirely by state forest protection [illegible]. These fires both occurred on December 1 in the [illegible] portion of the park.

[illegible] small [illegible] fire occurred in Cades Cove on December 7. The fire [illegible] not evidently [illegible] it has burned in 3 different places. [illegible] only

a very small area of grass was burned this fire was non-reportable.

900 Miscellaneous

Reports of park revenues, personnel and authorized projects are attached.

Sincerely yours,

Chas. F. Dunn,
Acting Superintendent.

Inc.

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of December, 1932.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
331 Lookout Tower	$1,000	100	00	0	Oct. 15, 1932.
Roads & Trails, Emerg. Const.					
501 Trail construction	19,250	81	14	23.2	Mar. 15, 1933.
502 Roadside cleanup	10,000	0	0	0	June 30, 1933.
503 Smokemont mill cleanup	3,000	0	0	0	Feb. 28, 1933.
Roads & Trails, Nat'l. Parks					
LB1 Boundary Tree-Smokemont	80,000	0	0	0	Mar. 31, 1933.
2A Newfound Gap-Clingmans Dome	370,000	0	0	0	Sept 30, 1933.

10-159
(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of December, 1932.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	7	114	6	20
Number of additions	0	3	0	8
Total	7	117	6	28
Number of separations	0	110	0	22
Number of employees close of month	7	7	6	6
Number of promotions during month	0		0	
Aggregate amount of ~~annual~~ furlough leave taken	28		78	
Aggregate amount of sick leave taken	0		0	
Aggregate amount of leave without pay	0		0	

Leave granted:

J. R. Lakin, Supt.	Dec. 15, 1 p.m.-31	12
J. T. Needham, Asst. C.R.	" 23-31	6
J. B. Light, Ranger	" 19-31	10

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of December, 1932.

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	43 00	7 00
Total,	43 00	7 00
Remitted,	43 00	7 00
On hand close of month,	00	00

Park revenues received this year to date,	4 654 90
Park revenues received last year to date,	1 812 00
Increase,	2 842 90
Per cent of increase,	157%

10-23
(May 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

G.S.M. NATIONAL PARK

FILE NO. 609-11

Mayo, Dale R., et al

IMPORTANT

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ARNO B. CAMMERER,
Director.

U. S. GOVERNMENT PRINTING OFFICE 6—7410

SUPERINTENDENT'S MONTHLY REPORTS

1933

10-23
(May, 1920)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO.

JANUARY 1933
MONTHLY REPORT

- - - - - - - - - - - - - - - -

J. R. Eakin, Superintendent

IMPORTANT

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 6—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE

February 8, 1933

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in proposed Great Smoky Mountains National Park for the month of January.

000 General

020 General weather conditions

We have had open weather throughout the month. A light snow fell along the crest of the higher mountains on the evening of January 26. A report of an observer at Elkmont follows:

Mean maximum	51	
" minimum	33	
"	42	
Maximum	70	Jan. 13
Minimum	11	" 1
Greatest daily range	30	" 16

Precipitation

Total	(rain)	4.37"	
	(snow)	0.5"	
Greatest rain in 24 hrs.		1.44"	" 25
Number of days with .01" or more precipitation		11	

100 Administration

110 Status of work

The completion of 1932 leases was not accomplished until early in the month. During the month practically all leases and permits to be issued on the North Carolina side and the majority of those to be issued for Sevier County on the Tennessee side for the calendar year 1933 have been prepared.

130 [illegible] inspections by
121 Superintendent

I returned to the park January 17. [illegible] the duration of an inspection trip with Judge Edwards and Associate Director [illegible] which took me out of the park, I have been [illegible] on [illegible] estimates since last time.

140 National park service officer

Assistant Secretary of the Interior John H. Edwards, and Associate Director [illegible], [illegible] were in the park January 20-23 inclusive. Until this visit Judge Edwards had seen all national parks but the Great [illegible]. [illegible] leaving Judge Edwards stated that he believed this was comparable to any park in the system, and that [illegible] the largest [illegible] in any park.

150 Funds and [illegible]

	Allotment	Expended and Obligated	Unexpended Balance
41/2[illegible]	$ 7,500.00	$ 7,027.22	$ 472.7[illegible]
41/2[illegible]	23,400.00	23,387.12	12.[illegible]
42/[illegible]	33.45	[illegible].45	00
42/[illegible]	10,600.00	5,877.16	4,72[illegible].54
42/[illegible]	23,000.00	19,350.65	4,[illegible].35
[illegible]6.1	34,000.00	17,707.73	1[illegible].27
4[illegible]	450,000.00	00	450,0[illegible].[illegible]

150 Equipment and supplies

During the month an inventory of equipment and [illegible] supplies will be checked with the office [illegible] to [illegible], by writing off such tools as may have been broken, etc.

160 Status of [illegible] land

A board of arbitration made an award of $24,000 for the [illegible] property. The [illegible] and Grant had [illegible] an agreement that the award will be final.

Another board of arbitration has [illegible] on the value of the J. [illegible] property located at Elkmont. An award will be [illegible] and this, also, is to be final.

Prior dispatches state that the Carpy property, Elkmont, will be arbitrated. Aside from the [illegible] Lumber Company timber land there remains only the Dunn and Whitten properties to be arbitrated, [illegible] the small and relatively [illegible] tracts. I feel that after a year [illegible] in which nothing constructive was done, the new [illegible]

[illegible] Commission is finally making progress. It is said arbitration for the Gardner property in the near future is assured.

It has been reported that all lands in the North Carolina section of the [illegible] under binding option with the exception of the Davenport Lumber Company's holdings. A condemnation suit to secure this property was [illegible] the possible last resort but the result will no doubt be announced soon.

200 Maintenance, Improvements and New Construction

220 Improvement

District Engineer Love, Tennessee Highway Department, came up to sit in on design of a number of bridges in the Little River Gorge. This is necessary because a number of timber structures are becoming dangerous. It is my belief some of the bridges will need to changed that this road is rebuilt to high standards. [illegible] advised Mr. Love that we would be quite satisfied if old timber structures were replaced by new timber structures. These would last about 6 years and by that time we could replace them with permanent structures on the proper location.

Work in closing of the Tennessee section of the Newfound Gap Highway has started January 15. In January 31 fifty men were at this work. With the exception of foremen and fire patrolmen these are the all the more privileged men have never been on our payroll. This is in line with our policy to spread the employment among as many men as possible.

240 Construction of approaches to park

All work [illegible] has been [illegible] in the [illegible] jointly by Sevier County and the State by [illegible] of the relief personnel.

260 Executive work

On January 8, a public auction sale of the buildings on the Tennessee Park was held. [illegible] totaled $192.00. Nine structures were sold including a two-story building, [illegible] of which was to the Gatlinburg Chamber of Commerce [illegible] for use as a community house. In addition to the buildings, [illegible] for the Chamber of Commerce [illegible] the [illegible] at the same time.

Twenty-five temporary buildings of various kinds have been torn down for firewood and clearing. Also during the recent fire [illegible] Darnell Roberts asked to burn 10 old lumber camp buildings on Forney Creek, and was [illegible] by Ranger Elliott on Little River.

The following are excerpts from the [illegible] report of Resident Landscape Architect Lud[illegible]:

Newfound Gap-Collin's Gap survey

Completion of design for the first section of this project from Newfound Gap to Indian Gap indicates that a considerable saving and an improved alignment will result from elimination of the proposed tunnel. With this thirty thousand dollar economy, the preliminary estimates show that the final construction, from Newfound Gap to Indian Gap, will cost approximately sixty thousand dollars a mile, considerably less than the anticipated figure of one hundred thousand dollars a mile. A large percentage of this saving is a result of the original recommendation by the Landscape Division that rock walls be used for retaining fills. These allowed the grade to be raised with a resultant decrease in excavation quantities.

It is quite evident that with the additional construction necessary in connection with the camping area at Newfound Gap, the present allotment will be sufficient only for development as far as Collin's Gap.

Special development at Indian Gap where there will be an important trail crossing, and at Collin's Gap where a turnaround should be provided if construction proceeds only to this point will call for additional funds. The plans are all incorporated in the final contract.

At the present rate of progress it is anticipated the plans will be completed for letting the construction contract at this Regional Office by April.

Cherokee-Bryson City contract

To date all earthwork has been completed over the entire area. The only difficulty experienced being the inability of the contractor's foreman to fill the material within the 6 foot limit allowed by the specifications. Though this has been done it will necessitate additional handling of the material.

Three gabion walls were built by the sub-contractor in charge of masonry before it could be made to understand the intent of the specifications. While the last wall did not comply in all respects with the requirements, it was thought to be sufficiently satisfactory to allow the work to proceed with the work. Insufficient variation in the size of stone used and bunching of weathered and unweathered material were the chief causes for dissatisfaction. The contractor, however, is very willing to comply with requirements, and as he is very well recommended by Architect Charles Barber of Knoxville, it is anticipated that he will turn out a satisfactory piece of work.

Stone at the Cowanoc's Creek quarry was found to be too far below the surface for economical removal and another site, on the Park Boundary on the Stevens Fork, will be utilized for the rubble masonry. An unusually large amount of weathered material can be secured from this site, and as it is in that section which will be turned over to the Indian Service if the proposed exchange goes through, we feel that the landscape interference will be slight.

Stone for surfacing will be purchased by the contractor from outside the park area. This is at his own request, with which we were very glad to comply.

After observing a number of slides due to saturation of cut banks on the North Carolina-Newfound Gap road, Colonel Lee thought it advisable to flatten a number of slopes on this contract. Naturally we were glad to agree to these changes.

Vegetable culture - [illegible] - Newfound Gap

This project has to wait until late in the spring, [illegible] at critical points on the route which will be supplemented by later ones to show the results of the work. While these will not be of a startling nature, there will be a noticeable improvement to show.

300 Activities of other agencies in the park

310 Public service contractors

During the month Thos. W. Alexander of Asheville secured a one year lease from the Park on the Fraser Hall tract and the stone camp building on the Alexander tract on Catalooche Creek. Neither of these tracts [illegible] to the United States. He expects to operate these properties as first class camps during the coming season and will [illegible] extensively [illegible].

315 Road contracts

[illegible] T. Dean and associates completing the Newfound Gap-Tennessee project with concrete rock. All processing this road, contract for which we let last fall, will be started perhaps in April, depending [illegible]. Several bad slides have developed on this road which will require hard [illegible].

We have the only road load of the Tennessee - Boundary project being contract to Hello [illegible]. Work is clearing and grubbing, stripping top soil and [illegible] work on bridges and culverts. The project is 3 per cent completed.

400 Flora, fauna, and natural phenomena

410 Ranger service

During the month Assistant Chief Ranger Dunham devoted his entire time to leasing matters and the sale and disposal of buildings. At the end of the month 50 contracts with park residents on the North Carolina side had been signed and fees on sale in the amount of $1,136 had been collected.

During the month Ranger Coppedge completed an inventory of all tools and equipment. He also spent about a week on telephone maintenance work of which he spent on the Cherokee-Davenport line which is still the property of the Davenport Lumber Company and which was in bad state of repair. He also devoted considerable time to trespass matters in the lower end of the county.

Ranger Light's station was moved from Tennent to Cades Cove, Tennessee on January 20.

420 Wildlife management

On January 31, 300,000 eyed rainbow trout were planted in the park. These were about evenly divided between Middle Prong of Little River, Little River, East Prong Little River, Middle Prong Little River, and Brown Creek. The eggs were hatched and planted by the Knoxville Chapter of the Izaak Walton League of America. This is merely another example of this live organization's fine cooperation with the park.

600 Protection

610 Police protection

The stills were cut down on the North Carolina side of the park during the month by local prohibition officers. One, a large copper affair of 50 gallons capacity, was found on Little Prong and 50 gallons of beer destroyed. The other was found about 100 yards inside the park line on the Heavy Creek side of Deep Gap. Some of the copper of the stills have gone to Washington.

On the night of January 9, the barn of one J. A. Caldwell, a Cades Cove landowner, was burned to the ground with all its contents. The loss included 1 cow, 200 bushels of corn and 2 tons of hay. Mr. Caldwell noticed smoke coming from the barn about midnight, the fire was of incendiary origin and we were in investigation of the case but are of the opinion that it was started accidentally or by spontaneous combustion.

On January 11 one Phillip Cole, age 18 years, a resident of Gatlinburg, was killed from a shot while hunting a bobcat with a warden in location near Cades Cove where it was illegal to hunt. The scene of the tragedy was in

Panther Creek near its junction with Mill Creek and inside the park area. However, the property is still owned by the State, having not yet been turned over to the Government.

Lee and Hubert Cosby, also residents of Gatlinburg, were suspected, arrested and placed in Sevierville jail. At a preliminary hearing, they were bound over to court under a $5,000 bond each.

The child was reported to assistant Chief Ranger Dunn, and accompanied by Bill Conway, went back, [illegible] Gordon Kingsard Connor and several others, he arrived on the ground shortly afterward. After the coroner arrived on the scene, Mr. Dunn removed the body to the home of relatives, and was largely responsible for securing the evidence against the suspects.

The following arrests were made during the month of Cosby:

Violator	Charge	Judgment
Frank Gillon, Cosby, Tenn.	Public drunkenness and felonious assault.	Jail
[illegible] Bates, Cosby, Tenn.	Public drunkenness	"
Bill Cutter, Cosby, Tenn.	" "	"

The defendant in each of these cases submitted to the charge and was sentenced to jail.

620 Fire Protection

No fires occurred in the park proper during the month of January.

640 Miscellaneous

The following losses from natural causes occurred in the park during the month:

Name of deceased	Area	Approximate age
Mr. [illegible]	[illegible] Creek	[illegible]
Mr. Robert [illegible]	Cumberland	60
Mr. George Johnson	Alsatian Creek	45
Mr. Carl Gregory	Cades Cove	[illegible]
Mr. J. A. Gregory	Cades Cove	60
Mr. Tyler [illegible]	[illegible] Creek	76

Minutes of park revenue, personnel and authorized projects are attached.

Sincerely yours,

J. R. [illegible],
Superintendent.

Encl.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of January, 1933.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
831 Lookout Tower	$1,000	100	0	0	Oct. 15, 1932.
Roads & Trails, Emerg. Const.					
501 Trail construction	19,250	81	0	14	Mar. 15, 1933.
502 Roadside cleanup	10,000	7.7	7.7	0	June 30, 1933.
503 Smokemont mill cleanup	3,000	0	0	0	Feb. 28, 1933.
Roads & Trails, Nat'l. Parks					
1B1 Boundary Tree-Smokemont	80,000	3.	3.0	0	Mar. 31, 1933.
2A Newfound Gap-Clingmans Dome	370,000	0	0	0	Sept 30, 1933.

10-159
(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of January, 1933.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	7	7	6	6
Number of additions	0	51	0	20
Total	7	58	6	26
Number of separations	0	0	0	21
Number of employees close of month	7	58	6	5
Number of promotions during month	0	0	0	0
Aggregate amount of ~~annual~~ furlough leave taken	7½	0	7	0
Aggregate amount of sick leave taken	0	0	25	0
Aggregate amount of leave without pay	0	0	0	0

Furlough:
J. R. Jakin 4½ days
Chas. S. Dunn 3 "

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of January, 1933.

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	744 50	200 00
Total,	744 50	200 00
Remitted,	744 50	200 00
On hand close of month,	00	00

Park revenues received this year to date,	744 50
Park revenues received last year to date,	200 00
Increase,	544 50
Per cent of increase,	272%

10-23
(May, 1920)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Great Smoky Mtns. NATIONAL PARK

FILE NO.

February 1933
MONTHLY REPORT

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J. R. Eakin, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.

All Files should be returned promptly to the File Room.

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 6—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE
March 8, 1933

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of February:

000 General

020 General weather conditions

There were several light falls of snow and heavy rains the first half of February. A report of an observer at Elkmont follows:

Mean maximum	47	
" minimum	27	
"	37	
Maximum	72	Feb. 24
Minimum	-8	" 9
Greatest daily range	48	" 8

Precipitation

Total (rain)	7.03"	
(snow)	6"	
Greatest rain in 24 hrs.	2.03"	Feb. 7
Number of days with .01" or more precipitation	9	

100 Administrative

110 Status of work

All administrative work is current with the exception of leasing homes for 1933 to former owners of property. This work will be completed in March with the exception that owing to low price of farm produce we may be unable to collect all fees for leases by that time.

Physical construction items in preliminary estimates for 1935 were forwarded to the Engineering and Landscape Divisions on February 2.

Preliminary estimates for administration, protection, maintenance and construction of physical improvements, fiscal year 1935, were forwarded on February 20.

120 [illegible]

1.1 [illegible]

[illegible]

[illegible]

1.2 [illegible]

[illegible]

1.3 [illegible]

[illegible]

1.4 [illegible]

[illegible]

1.5 [illegible]

[illegible]

1.6 [illegible]

[illegible]

[illegible] Maintenance, Improvements and New Construction

[illegible] Maintenance

[illegible]

[illegible] Improvements

[illegible]

[illegible] New Construction

[illegible]

[illegible] Improvements in Connection with Work

[illegible]

[illegible] has been done on the road between [illegible] and [illegible], and on the Lake road, especially Little River.

200 Landscape work

On February 8, [illegible] conducted a public auction sale of buildings in the [illegible] department. At this sale 15 buildings, mostly small houses and barns, were disposed of for $77.75. In addition to the above, 40 permits directing the moving [illegible] were issued and clearing and cleaning was made.

The dump place in [illegible] has removed and the premises cleaned up.

[illegible] Superintendent V. [illegible] left for Dorchester, [illegible], on February 13. It is not known when he will return to the work. [illegible] cleaning of the [illegible] section on the [illegible] road. [illegible] cleaning of the [illegible] at [illegible]. [illegible] left during the first half of February due to extensive precipitation. Very little work has been done since February 13.

300 Activities of other agencies in the park

317 Status of miscellaneous projects

[illegible] project, [illegible], [illegible] 1.87 miles, [illegible] contract to [illegible]. Work, [illegible], [illegible]. Following the [illegible] from the [illegible] report of Colonel [illegible], [illegible], U. S. Marine Corps [illegible]:

[illegible] cost of this [illegible] 75; [illegible] cost of [illegible] 11.

[illegible] the month of February [illegible] very unfavorable for construction work. [illegible] and [illegible] [illegible] but the general work on the [illegible].

A [illegible] meeting [illegible] to project 1[illegible] was practically [illegible] and [illegible] the thirty-mile road between the [illegible] bridge and [illegible].

The usual [illegible] and [illegible] items were [illegible] [illegible] U. S. [illegible] of Engineers, [illegible].

Practically all the [illegible] work has been done, but work on the [illegible] and [illegible] of [illegible], [illegible], etc. has not been completed.

Stripping and [illegible] topsoil was [illegible] on the twenty first and [illegible].

[illegible] North Carolina including miles of beaches. [illegible] were prepared to the elevation of the [illegible] sand. [illegible] excavation for [illegible] at stating 350 [illegible] and [illegible] structure [illegible].

[illegible] commercial [illegible] at [illegible] by excavating a corner of an old borrow pit [illegible] material into the [illegible]. This is a part of the work necessary to the [illegible] of [illegible] into the [illegible]. The [illegible] conditions of the ground [illegible] general [illegible] about [illegible]. [illegible] the [illegible] of [illegible] the [illegible] it sank into the ground [illegible] [illegible] and [illegible] to extricate it.

340 Legislation affecting the work

North Carolina may pass a law deferring all highway construction for a period of ten years. Tennessee may pass a law deferring all highway construction for one year. [illegible] restrictions [illegible] effective completion of interstate [illegible] roads to the [illegible] and under partial contract will be delayed.

A bill has been introduced in the North Carolina Legislature to do away with the [illegible] [illegible] and [illegible] the action of the Commission over to the [illegible] of [illegible] and [illegible].

A bill has been introduced in the Tennessee Legislature to increase the [illegible] in the Tennessee [illegible] from 7 to 11.

400 Farm, fruit, [illegible]

410 [illegible] service

The [illegible] part of [illegible] involved in [illegible] by the [illegible] staff [illegible]. In addition to [illegible] contracts, [illegible] to 4 [illegible] [illegible] [illegible] [illegible] be made to the United States. [illegible] collected for transmission to the North Carolina [illegible].

[illegible] [illegible] [illegible] effective [illegible] [illegible] [illegible] Tennessee. It is hoped that [illegible] will [illegible] [illegible] [illegible] [illegible].

420 Birds

[illegible] birds were noted on the [illegible] of Little River.

The following birds were observed at a feeding station maintained by Mrs. Tobin; cardinal, junco, chickadee, yellow warbler, [illegible], [illegible], and wren. The [illegible] birds not yet definitely identified were also observed. Squirrels are very [illegible] by not [illegible] their natural food. It has been noted that only the wren, chickadee, and [illegible] [illegible] food from [illegible], but that the others feed from the ground.

[illegible] are numerous in the past but is not [illegible] the Tribal [illegible] Station.

300 Protection

310 Police protection

On January 7 [illegible] band of [illegible] [illegible] and [illegible] Lambert who [illegible] on Indian [illegible] on [illegible] charge for larceny of the [illegible] from the J. T. Conner home which had been vacated the night before and which was listed for sale the following day. The defendants were brought to Tahlequah City, failed to [illegible] bond and were lodged in the county jail. [illegible] days later the [illegible] were arrested and by the [illegible] of Cox for larceny of a [illegible] and other personal property from a resident of the Cherokee Indian reservation. This [illegible] was located in Kansas shortly thereafter by [illegible] another prisoner from out and left for parts unknown.

The [illegible] Steve Hardy and [illegible] Hutton of the Chilocco district were arrested by federal prohibition agents on January 15 [illegible] place under bond for federal court on charges of having in their possession and sale of liquor in violation of the [illegible].

Twenty [illegible] and a dozen [illegible] were a raid on stills in [illegible] on the Black of the [illegible]. They [illegible] a 50 gallon still on the [illegible] Hollow on Beaver Creek, destroying 11 barrels of mash and burned the still house. They found a second still on the [illegible] Hollow. This still was a fifty gallon still and there were seven barrels of beer with it. The men were [illegible] the still but were not arrested and [illegible]. Another [illegible] was found [illegible] but [illegible] with him.

[illegible] Lightner [illegible] Cherokee [illegible] were violations in the Tahlequah [illegible] and [illegible] given to a [illegible] will be doubled on prohibition violations within the [illegible] and [illegible] present before him.

320 Fire protection

All fires [illegible] on the [illegible] Cherokee City on the [illegible] and [illegible] on July the last day of the month. [illegible] 14 [illegible] employed in this section, 2 are being paid [illegible] from out this authorization employed July 1. Prevention [illegible] be extremely [illegible] in the [illegible] [illegible] is [illegible] of the [illegible] Conner [illegible] all of [illegible] in the [illegible] Area. This service [illegible] not [illegible] an [illegible] into [illegible] except by a [illegible] fire. There is no telephone [illegible] [illegible] magic, [illegible] settlement, [illegible] the [illegible] look-out [illegible] are [illegible] County [illegible] of this District. It is hoped

the situation can be remedied at an early date by finding funds for an adequate line from the guard's house to Eagle, thereby giving him the benefit of the Everett Knob lookout.

No fires occurred on the north Cumberland side of the park during the month.

All fires reported as located on the Tennessee side of the park were placed by July 19 noon February 28. One fire another fire occurred in Cosby on January 24. There was no suppression cost in connection with this fire.

650 Signs

Two park patrolmen and assistant 2 large temporary signs upon which is painted the pertinent part of our fishing regulations. These none can plead ignorance of our regulations.

700 Miscellaneous

Superintendent Director and L. Lemmer attended the hearing on the Tennessee Valley Authority condemnation, in Knoxville, February 16. The sheriff had a deputy serving such processes to keep order. Mr. Lemmer did not visit the courtroom this trip.

It has been stated that Tennessee Coal Company has filed the Elkmont Hotel, Gatlinburg, and adjacent and recreation dwellings for condemnation. It is much anticipated as well as they put the amount of approximately $101,000. It has been stated that the benefit of the condemnation condemnation, Knoxville Sales, Incorporated. It appears likely that the case will extend for one or two unnecessary commission.

On February 16 a fire did considerable damage to Gatlinburg. Superintendent, the park rangers of the Knoxville Health Department, the Gatlinburg Fire Department and the Knoxville Health Authorities assisted. Two of the dwellings were destroyed. A young couple lost a valuable Cocker Spaniel, which died, and considerable clothing. The fire was caused by a defective chimney. The Gatlinburg and the Knoxville Health authorities pronounced it a dangerous case of rabies. Mr. Lemmer. Thirty one people were made homeless.

On February 20, Joseph Conway, a park employee, with his wife and four children, died as the result of his injuries. He was buried in the Gatlinburg cemetery. Mr. Lemmer from his home.

Reports of park patrol, recreational and historical projects are attached.

Very truly yours,

J. W. Dunn,

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

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GREAT SMOKY MOUNTAINS NATIONAL PARK
J. R. Ekwin, Superintendent

February 23, 1933.

TO WHOM IT MAY CONCERN:

For the information of the public the following trout fishing regulations in force in the Great Smoky Mountains National Park are stated:

Open season, Tennessee, March 2 to November 30.

Open season, North Carolina, April 16 to August 31.

Daily limit, 20 fish per person per day.

Size limit, brook trout 6 inches in length, rainbow trout 7 inches in length. Smaller trout must be returned to the waters.

Fishing permitted only with rod held in hand. Set poles prohibited.

Night fishing prohibited.

Fishing prohibited in streams closed for the purpose of restocking. All closed streams are plainly indicated by signs.

These regulations have been promulgated in order to assure better fishing. Rangers and patrolmen have been instructed to vigorously enforce them. Park streams have been amply stocked with small trout and if the fishing public cooperates good fishing can be secured in the park in two or three years.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

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GREAT SMOKY MOUNTAINS NATIONAL PARK
J. R. Eakin, Superintendent

February 23, 193[illegible].

FOR [illegible]:

Until further notice Bradley Fork of Oconaluftee River in the North Carolina section of the park is closed to fishing for the purpose of restocking.

The following streams in North Carolina remain closed; Twentymile Creek, Forney Creek and Deep Creek.

The following streams in Tennessee remain closed; Cosby Creek, Fishhook Prong and waters of Little River above Fishhook Prong, and West Prong of Little River.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of February, 1933.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
831 Lookout Tower	$1,000	100	0	0	Oct.15, 1932.
Roads & Trails, Emerg. Const.					
501 Trail construction	19,250	81	0	14	Mar. 15, 1933
502 Roadside cleanup	10,000	32.4	24.7	7.7	June 30, 1933
503 Smokemont mill cleanup	3,000	12	12	0	Mar. 31, 1933
Roads & Trails, Nat'l. Parks					
1B1 Boundary Tree-Smokemont	80,000	11	8	3	Sept 30, 1933
2A Newfound Gap-Clingmans Dome	370,000	0	0	0	Sept 30, 1933

10-159
(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of February, 1933.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	7	58	6	5
Number of additions	0	50	0	40
Total	7	108	6	45
Number of separations	0	4	.5	36
Number of employees close of month	7	104	5.5	9
Number of promotions during month	0		0	
Aggregate amount of ~~annual~~ furlough leave taken	3		6	
Aggregate amount of sick leave taken	16		0	
Aggregate amount of leave without pay				

Furlough:

Chas. S. Dunn, Feb. 2, 12.00 M.- Feb. 6

Sick leave:

A. K. Johansen, Feb. 13-

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of February, 1933.

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	2,006.75	249.00
Total,	2,006.75	249.00
Remitted,	2,006.75	249.00
On hand close of month,	00	00

Park revenues received this year to date,	2,751.25
Park revenues received last year to date,	449.00
Increase,	2,302.25
Per cent of increase,	513%

10-23
(May, 1920)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO.

MARCH 1933
MONTHLY REPORT

J. R. Eakin, Superintendent

IMPORTANT

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 0—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE
April 10, 1933

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of March:

000 General

030 General weather conditions

The monthly report of weather conditions outside the temporary park office at Gatlinburg shows that during the month there were 17 days on which rain fell, and during the latter few days of the month there were heavy winds. At Sevierville, 14 miles from Gatlinburg, these wind storms blew down several chimneys and broke a number of windows. The report of an observer at Elkmont follows:

Mean maximum	52	
Mean minimum	32	
Mean	42	
Maximum	69	Mar. 14
Minimum	18	" 5
Greatest daily range	36	" 12

Precipitation

Total (rain)	9.5"	
" (snow)	2"	
Greatest rain in 24 hrs.	2.3"	Mar. 20
Number of days with .01" or more precipitation	10	

100 Administrative

110 Status of work

Completion of leases in the Tennessee section is greatly retarded for the reason that until a large number of the leases are given work to enable them to secure funds the fees cannot be paid.

130 Finance and accounts:

	Allotment	Expended and Obligated	Unexpended Balance
41/2406	$ 7,500.00	7,018.22	481.78
41/2420	23,400.00	23,383.43	16.57
42/3405	33.45	33.45	00
42/3406	10,600.00	7,587.53	3,012.47
42/3420	23,900.00	20,552.70*	3,347.30
43456.1	34,000.00	25,213.79	8,786.21
4x426	450,000.00	7,480.53	442,519.47
43/4406	8,810.00		8,810.00

* 44.90 expended from this sum for fighting forest fires.

140 Labor situation

The roadside clearing job, which has afforded work for approximately 75 men since January 23, is now being completed. This number of men will be put to work next week on the LeConte trail, which will last about six or seven weeks. Cleanup of the Hankemont Mill site has also afforded work for approximately 25 men, which will probably require four weeks longer to complete.

Mail applications for work are being received in sufficient daily, and every morning there has been a dozen or more men from Lewiston vicinities in front of the office waiting for it to open to apply for work.

150 Equipment and supplies

Three .410 gauge pistol grip shotguns and one .22 calibre rifle, and ammunition for the above were purchased during the month for use in killing water snakes.

200 Maintenance, improvements, and new construction

210 Maintenance

A brief outline of work in connection with Superintendent White's report on cleanup work in the work camps has been follows:

In connection with cleaning from Tamarlands to Newfound Gap, crews are at present working on the last mile below Newfound Gap and it is hoped that the job will be completed early next week. The last stretch is composed of long slopes of loose rock and this is rather dangerous. No car wrecks have been so major injuries but damage is retarded to some extent.

Along the stretch of highway that has been subjected to the cleanup (approximately six miles) the logs, brush, and other litter have been collected and burned, the distance covered being governed by the visibility. Some stumps have been removed, others cut close to the ground. Some remain a few posts that have been missed but these will be finished up when the crews move back along the road.

The project is 90% complete.

Cleanup of the old sawmill site at Monteagle is practically completed, the main operation now being the grading of the log pond. The cleanup has extended to the bridge at Monteagle and included the removal of tin cans, scrap iron, automobile carcasses, and other debris, and the collection and burning of tin and combustible material along the creek and around the buildings from the old sawmill very down towards the bridge.

The grading of the log pond is being done with slip scrapers and teams. The teams are rather scarce at present as it is the season for plowing and planting. Three or four teams are all that have been available at one time, and this has resulted in slowing up the work considerable.

The project is about 60% complete.

Heavy rains during December rendered the Sixmile Creek road impassable even to horses until a crew was put on it in March. Work done to date includes refloorings 6 bridges, installation of culverts and repair at other points in the road, filling up holes, repair work and considerable ditching to provide adequate drainage. Similar work of a minor nature was done on the Moody Branch road of Hurricane Road during the month.

Several dirt tracks were opened up and cleared of debris.

2.0 Dam construction

The following is taken from the monthly report of the U. S. Bureau of Public Roads in connection with the Cumberland Gap- Chickamauga Dam project:

A field reconnaissance in connection with the best maps that were available of the area in question. From this the following deductions were made: In following the general direction of the main ridge, it was determined that Cumberland Gap, Indian Gap, Rocky Spring Gap, Collins Gap, and Clinchfield Gap were absolute controls in elevation. This was true if the road was to be located on either the north or the south side of the ridge. The general topography lends in slope ratios and directions for alignment was much more favorable on the south side. However, the location of the present road, leaving across the mount in from Chattanooga, Tennessee, to Monteagle, North Carolina, from where it crossed the top of the ridge

for some distance down on the North Carolina, or south side of the mountain, practically parallelled the main ridge. The present road and main ridge were essentially both a short distance apart that a satisfactory access could not be provided by the south side of the main ridge for Route 2[illegible]. An alternative route presented itself by leaving the present road at the top of the mountain and taking the more round and slower slope of the Tennessee side for some two thousand feet and crossing the ridge then through a low gap on the North Carolina side. With the above controls before us the survey of the preliminary line was begun.

Field and profile sheets have been completed for the first five miles as follows: contour lines traced, center line of roadway traced, edges of roadbed traced, and ground line profile traced.

Special designs for the road intersections at Newfound Gap, the Clingmans Dome spur road off, and the loop on top of the Dome have been prepared and submitted to the National Park Service for approval.

It is thought that plans on the first five miles of this project, based on present progress, may be completed April 1[illegible], 1933.

210 Improvement of approaches to park

The highway from Maryville to the Little River entrance of the park has been improved by clearing out with land of encroaching the shoulders of the road. Similar work was done on the road from Gatlinburg center to Greenbrier.

Shortly after the middle of March actual construction was started on that part of the loop road between Sugarland and the Gap. A contract for surfacing State Highway No. 112 from Highway No. 10 to the park boundary was awarded to Wells L. Dyer of Murphy, North Carolina, during the month. This project will be a continuation of the Dyer job. Dyer is now doing some subject hauls of the work.

[illegible] work

Three northbound bridges at Gatlinburg were removed and the problems attendant to making the north. Road materials had taken on the North Carolina side of the park were given away for removal and cleanup.

300 Acquisition of right of way in the park

311 Status of condemnation cases of contractors

The following is an excerpt taken from the monthly report of the U. S. Bureau of Public Roads showing progress made on Towstring-Gatlinburg road project, Wells L. Dyer, contractor.

Per cent complete	22
Actual number of days used	112
Per cent of time consumed	41

The work has progressed to the extent that we can anticipate an overrun on the following items: Class B Concrete, Cement Rubble Masonry, Dry Rubble masonry, 18" diameter reinforced concrete pipe, and 24" diameter reinforced concrete pipe. At a later date we can determine more accurately the volumes of the overrun on the various items and future reports will show these quantities.

Some of the causes for these overruns follow: Class B concrete was used to level up the foundations at Couches Creek. Cement rubble masonry was used in two retaining walls which make an increase. Dry rubble masonry was used in tree wells and on retaining wall at Couches Creek. Reinforced concrete pipe was used to extend lines out in the meadows beyond the limits of the roadway for landscaping features. In at least two instances it was found necessary for good drainage to increase the number of pipe lines.

The progress for the month indicates an accelerated ratio compared to the preceding months and is satisfactory.

The workmanship displayed in the operations on the various items is satisfactory with two exceptions: (1) Delay in burning stumps and rubbish accumulated during the clearing and grubbing operations. (2) Carelessness or ignorance on part of the powderman in the use of explosives causing damage to trees and buildings on work property. The contractor has been notified to use logs chained together to form a mat over future points when explosives are to be used.

There was an average of 78 men employed on the project during the month.

400 Flora, fauna, and natural phenomena

410 Insect service

Insect [illegible] returned to duty from sick leave March 13 and is, we are glad to say, very much improved in health.

440 Birds

Numerous migrant birds have been observed recently.

490 Flora

The following plants were blooming the latter part of March: Red-bud, Service berry, Blood root, Spring Beauty, Anemones, Violets, Trillium, Bleeding Heart, Trailing Arbutus, Hepatica, Wild Mustard, Yellow Adders tongue.

500 Use of park facilities by the public

510 Increase in travel

There has been a great increase in travel in the park during the past month, and a large number of visitors can be seen along the streets daily.

600 Protection

610 Police protection

At the March term of the Lumpkin County Superior Court a former park resident, one Walter Maney, was sentenced to serve 18 months on the road for threatening a negro with a pistol and trying to run him off the job at Tom's Stone Quarry at the mouth of Collins Creek early last summer. The case against Fire Chief Calhoun of Dorsey Creek growing out of his shooting a man who resisted arrest was nolprossed. At the time of this occurrence Mr. Calhoun was not on our pay roll and was acting in his capacity as Deputy State Game Warden outside of the park. Three other park cases before this court were continued for various reasons.

In March 30 Fire Chief Coles secured a small 18 gallon copper still and destroyed a barrel of beer a short distance off the highway about two miles above Dawsonville. Some men were near the still at the time but were not apprehended.

Three arrests during the month, for public drunkenness, in Dorsey, were Henry Williamson, Willie Jenkins, and Charlie Hilliland, who were delivered to jail, after admitting in the charge.

Three stills were destroyed in Dorsey during the month, also one located which is in the Legislature. No arrests were made.

Federal officers, Max Sites, Mr. Gilbert and Collins were in charge of the Dorsey case, and County officers the Chamblee job. Forestry Ranger reported to us that the federal officers set fire to the outfit supposed to Dorsey and then went away, leaving the fires unattended by anyone. Fire Ranger Dorsey had to follow up the officers and put out their fires, otherwise he would, no doubt, have had some serious forest fires.

620 Fire protection

Fire guards in charge of Dalton and Etowah District respectively were placed on duty March 1. The other temporary guards had been placed on duty during February.

The following fires on which park employees assisted in suppression

occurred during March on lands in, or adjacent to the park:

Date	Name	Cost	Area burned (acres) inside	outside	No. of men
Tennessee:					
1	Cooper Road No. 1	18.40		8	6
5	Cooper Road No. 2	9.90	1/16	2 7/16	10
11	Little Mountain No. 1	00	1/4		7
17	False Alarm No. 100F	1.50			4
28	Little Mountain No. 2	00	1/4		10
28	Stricton Branch	00	1		20
31	Little Mountain No. 3	00	1/8		1
31	Sines	3.50	4		12
North Carolina:					
1	Lane Branch	6.20		200	5
2	Leatherwood	00	4		5
23	Murray School	00	9	6	8
27	Fuller	4.80	1½	10½	16
30	Lewis Hopkins	00		7	4
30	McCarter	.80	9½		3

On March 2, while returning from Mt. Sterling, Assistant Chief Ranger Needham accompanied by Mr. A. A. Reichler, North Carolina District Forester of Asheville, who has charge of the State's cooperative fire prevention work in the Leatherwood County section of the park, they sighted the Leatherwood fire a short distance from the road on private lands inside the park about 2 miles north of Mt. Sterling Gap. Upon investigating they found that a party named Fuller, one Irving Barker of Catalooche, had made the fire in question and rounded up two hands and had it practically under control. A nearby resident and witness may have Fuller start the fire in question, which, of course, he denied. They then drove 5 miles across the mount in to the nearest station of the Guard, a lumberjacker living on Little Cataloochee Creek, and brought him back to the scene of the fire and arraigned the defendant for trial. While at the fire the Chief of the Guard was clearly under the influence of liquor and it was necessary to hold him like a child, this fact undoubtedly did not prevent the prompt administration of justice by the Leatherwood judge, and so he was let off scot free, he being sent back to Asheville and Needham on to the county jail that night, lest the good boys after him and hang him. This was 1 day ahead of the next time I found it.

Auto Accidents.

On the afternoon of March 17, Robert Hendrick of Bear Valley, driving a Chevrolet coach belonging to and stolen from his father, ran into Mr. T. A. Hartman of Franklin, North Carolina, who was driving his Ford coach, causing a $70.00 damage to the top of Mr. Hartman's. I was on the scene, which was about one-half mile inside the park, east of Gatlinburg, some after the stock had gone home and the boys had taken a jar of liquor from their car and had gone on to the mount in. About an hour later, I found

[illegible]rick up, but [illegible] the park [illegible] placed him in the jail at [illegible]ville. [illegible]ric[illegible] [illegible] the court on March 1[illegible], arranged to have Mr. Hastings' car repaired, and was given a fine for which he had to return to jail to pay out.

A party of 4 young men from the University of Tennessee was on their way to Elkmont on Sunday, March 1[illegible], when their Dodge sedan failed to [illegible] a curve going up the Tightin Cross Mount in road and turned over and burned up. The men were:

Name	Nature of injury
[illegible]	Light cut and bruises
Clifford [illegible]	Ditto
Frank Oldham	Ditto
William Hemphrey	Deep cut on [illegible] by glass

Humphrey's [illegible] had to be amputated a few days later.

900 Miscellaneous

On March 9, [illegible] Caldwell, [illegible] leaseholder [illegible] Lightning [illegible] Davenford, died of pneumonia at the Franklin Hospital after a brief illness.

Reports of park revenue, personnel and historical projects are attached.

Very truly yours,

[illegible]. Dunn,
Acting Superintendent.

Incl.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of March, 1933.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
831 Lookout Tower	$1,000	100	0	0	Oct. 15, 1932
Roads & Trails, Emerg. Const.					
501 Trail construction	19,250	81	0	0	June 15, 1933
502 Roadside cleanup	10,000	90	57.6	24.7	Apr. 15, 1933
503 Smokemont Mill cleanup	3,000	65	53	12	May 15, 1933
Roads & Trails, Nat'l. Parke					
1B1 Boundary Tree- Smokemont	80,000	22	11	8	Sept 10, 1933
2A Newfound Gap-Clingmans Dome	370,000	0	0	0	Sept 30, 1933

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

.... National Park for the Month of ..... March, 1933.

Great Smoky Mtns.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month				
Number of additions	7	104	5.5	9
Total	0	40	.5	46
Number of separations	7	144	6.	55
Number of employees close of month	0	35	0	40
	7	109	6	15
Number of promotions during month				
	0		0	
Aggregate amount of annual leave taken				
Aggregate amount of sick leave taken	0		1	
Aggregate amount of leave without pay	11		0	
	0		0	

Sick leave:

.. .. Johnson, Mar. 1-11 incl.

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of March, 1933.

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	313 00	1 055 55
Total,	313 00	1 055 55
Remitted,	313 00	1 055 55
On hand close of month,	00	00

Park revenues received this year to date,	3 064 25
Park revenues received last year to date,	1 504 55
Increase,	1 559 70
Per cent of increase,	104%

10-23
(May, 1920)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO.

APRIL 1933
MONTHLY REPORT

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J. R. Eakin, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 0—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE
[illegible] 10, 19[illegible]

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in proposed Great Smoky Mountains National Park for the month of April:

000 General

010 Matters of unusual importance

I was ordered to Washington on April 4 in connection with emergency conservation camps in the park. I returned to the park on April 30. Since that time inspection of camp sites, working up organization, and correspondence concerning the above projects has been all my time including Sundays. Things have now about reached the point where we can report to "go". Four emergency conservation camps of [illegible] men each have been approved. The Service has made application for five additional camps. This plan will enable us to work on many things badly needed years in advance of the time they would ordinarily be authorized.

Due to the increased depression in construction and lagging investment, considerably more funds are available for overtime. With liberal contributions out of our allotment of funds, if things do not [illegible] we feel we can, and will be willing.

100 General welfare conditions

Report of weather at Elkmont has been sent, taken in the Tennessee and North Carolina sections of the park, respectively, follows:

	Elkmont		Gatlinburg	
[illegible]	[illegible]		68	
[illegible]	41		40	
[illegible]	[illegible]		54	
[illegible]	7[illegible]	4/30	81	4/11
[illegible]	[illegible]1	4/13	[illegible]	4/13
Lowest daily mean	[illegible]	4/[illegible]	41	4/1[illegible]

	Allotment	Expenditure
No. days clear	8	19
No. of days partly cloudy	22	6
No. of days cloudy	-	3

Precipitation

Total	5.92"		3.[illegible]1"	
No. of rainy days (.01" or more)	8		10	
Greatest rain in 24 hrs.	2.21"	4/17	.71"	4/17

100 Administrative

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
41/2406	7,018.22	7,018.22	00
41/2420	23,383.43	23,383.43	00
42/3406	10,600.00	8,877.68	1,722.32
42/3420	23,900.00	21,194.00	2,706.00
43436.1	34,000.00	29,761.63	4,238.37
43/4406	8,810.00	00	8,810.00
4r436	450,000.00	15,521.22	434,478.78

140 Labor situation

The labor situation is [illegible]. I have been [illegible] at the number of [illegible] available for [illegible] [illegible] [illegible]. [illegible] [illegible] by applications [illegible]. The fact that [illegible] applications will be [illegible] [illegible]. [illegible] [illegible] a letter [illegible] application.

170 [illegible]

The [illegible] of public [illegible] continued surveys on [illegible], [illegible] and [illegible]. This job is [illegible] for advertising [illegible] [illegible], which [illegible] [illegible]. Surveys were continued on [illegible] 1-4, [illegible].

200 [illegible], [illegible] and [illegible]

210 [illegible]

[illegible] have been discontinued for the reason that it can be [illegible] by [illegible] [illegible] conservation [illegible] established. Very little [illegible] was being [illegible] in filling the old [illegible] at the site of the old [illegible] still at [illegible] to the [illegible] of [illegible]. This work was also discontinued and the [illegible] will be filled by

forest [illegible] with [illegible] crews.

[illegible] Trail construction

Associate Engineer [illegible] reports the following on construction of trails:

Upon the split up of Roseville Cleanup crews the two foremen were instructed to prepare for a resumption of work on trails. On April 10, a large crew was placed on top of Mt. LeConte to complete No. 7 and work down LeConte Creek on No. 6. A regular crew was placed at Cherokee Creek to build the lower 3100 feet of No. 6. This was completed in two weeks and on April 24 this crew moved into some more Sierra Mills and resumed work on Rocky Bar.

At the present time there remains two days work with a crew of seven men to complete No. 7 (Gallevare). This includes removing and removal of the down timber over entire trail.

On No. 6 from the top of LeConte approximately 4500 feet is completed with an additional 1000 and 2000 feet which are 50% and 40% complete, respectively.

Towards the end of construction on Rocky Bar (completed on 27 of last December) approximately 2000 feet of new trail has been built with an additional 2000 feet remaining from 15% to 60% finished.

The small fill and smoothing on of No. 3 (Dowes Ridge) near Unity Camp has also completed.

There remains some remarking of No. 2 (Deer Creek) which it is hoped can be accomplished as soon as the patrolman in that region is available to act as foreman. The only costs on Deer Creek were incurred in regard to hand saws equipment and transfer from the Oregon Plans for use on other projects. Some recent costs on trails follow:

Trail No.	Length	Total Cost	Cost per mi.
3 Dowes Ridge	13.25	3,564.57	[illegible]9.01
6 LeConte Creek	5.25	5,6[illegible]1.37	1,078.45
7 Gallevare	5.37	3,966.61	[illegible]

It is hoped to complete trail No. 6 and make final reports by June 30th. Project Review Day.

[illegible] Improvement of [illegible] to park

That section of the road along the railroad at the Dowdens entrance

is being [illegible] by Tom[illegible] [illegible] crew by getting the railroad [illegible]. Several [illegible] on this [illegible] section during last month.

The North Carolina Highway Commission under the direction of Resident Engineer [illegible] continued the surveys of the [illegible] Gap road between the [illegible] and Cherokee during the month. He also had a party on Highway No. 107 between Cherokee and [illegible]. This latter survey is being made with a view to rebuilding this road without disturbing the Appalachian Railroad which it follows.

300 Activities of other agencies in the park

315 [illegible] contracts

The [illegible] week in the month the [illegible] Tyler Company of Louisville, Kentucky to whom the State of North Carolina awarded the contract for oiling the Newfound Gap Highway last September, moved in on the job and started work. This project extends from Newfound Gap to the south of Hewstring, North Carolina, a distance of about 11 miles. On April [illegible], under authority in the contract, they closed this road above [illegible] to all traffic except Government cars.

317 Status of authorized projects

Mills L. [illegible], contractor on Project 1-[illegible]-1, [illegible] Road, North Carolina, 3.95 miles, is making poor progress. In a recent trip over this job it appeared to me that he had torn up the road the entire distance and had taken most of his crew off the job. At the end of the month 39 per cent of the work had been completed, and 50 per cent of the time had been consumed. There was an average of 70 men employed during the month.

320 Cooperative interpretive training

On April 7, the United States Civil Service Commission granted authority for establishment of a local Civil Service [illegible] at the Administration office, Gatlinburg. Accordingly, appointments of skilled [illegible] might be made for both the North Carolina and Tennessee sections of the park. In this connection, J. [illegible] Weiss, District Ranger, of the U. S. Fifth Civil Service District, on a visit to the park April 19 [illegible] the following employees to function on a board.

John T. [illegible], Member
Chas. [illegible] Dunn, Member
T. V. [illegible], Secretary.

330 Cooperating non-governmental agencies

On Tuesday, April 19, over station WJJD, Mr. Ihnatko of the Chicago Power Club commented on outlines of the water route, and attractions of a water trip to the Great Smoky Mountains.

340 Legislation affecting park

On April 6 the Tennessee Legislature abolished the State Park Commission and transferred its duties to the State Forestry Commission. Much to our regret Colonel Chapman was not appointed a member of the State Forestry Commission. The new Commission has not held a meeting to date and it is not known when there will be a meeting. In the meantime acquisition of properties is at a standstill.

Before adjourning the Legislature passed an amazing piece of legislation. Those who fish with "natural bait" are not required to purchase fishing licenses. Those who fish with artificial bait such as flys, spinners, etc., must purchase licenses. The artificial bait fisherman get around it by attaching small pieces of bait to their flies and spinners, thus [illegible] the fishing license. It is too late in the season to cover this disposition with a new regulation but this will have to be done next year.

It was a hard year in the State Park Commission, for the North Carolina Legislature passed a law reducing the members on the Commission and this law will probably result in our Commission. The North Carolina Park Commission has not functioned for only more two years.

400 Plans, [illegible], and natural resources

410 Cover service

Under the guidance of Mr. Lyn St. Leggett [illegible] the lookout [illegible] improvements to the observatory and instructing the lookout. As in-[illegible] of the [illegible] in Alabama, [illegible] and [illegible] [illegible] [illegible] with a view to locating a suitable fire lookout for the Indian, [illegible] and Cold Springs sections of the park. Fire report in the Indian [illegible], elevation [illegible] feet, is considered the most suitable point. In the Cold, [illegible] by Mrs. [illegible] Chandler and Miss Cora Chandler, [illegible] lower [illegible] [illegible] the result of it. [illegible] situation [illegible] telephone [illegible], and reports it to be [illegible] that the lookout to cover the Cherokee Section of the park.

The following [illegible] were placed in service during [illegible], in or for [illegible] [illegible], [illegible] and furnished by the Knoxville Center of the [illegible] [illegible] of [illegible].

[illegible]	[illegible]	[illegible]	[illegible]
17	7,300	[illegible]	[illegible], Tenn.

Date	Trout	Planted by	Planted at
14	14,000	[illegible] Zipton, et al.	Gatlinburg, Tenn.
	20,000	Knoxville Chapter, I. [illegible] of [illegible]	Greenbrier and Pittman Center, Tenn.
	6,000	"	Gatlinburg, Tenn.
	14,000	Maryville Chapter "	Townsend, Tenn.
	20,000	Gravierville Chapter "	Sugarlands, Tenn.
22	14,150	Park Forces	Elkmont, Tenn.
	1,500*	" "	" "
	3,000**	State Warden McIntyre and crew	" "
	6,750	Park Forces	Sunshine, Tenn.
	102,900	Total	

* Brook trout

** These 3,000 trout constitutes the number which were alive, out of a 10,000 shipment, when they reached the pool at Elkmont. Mr. McIntyre, who was transporting the shipment was, for some reason or other, woefully deficient.

400 Birds

Mr. E. V. Komarek, Chicago Academy of Sciences, continued his investigations in the Park. He reports 43 migrants and summer residents during the month, and a total of [illegible] species observed since January 1. He has recorded the time of observing the first migrant and summer resident. He has given records other valuable information.

[illegible] Use of Park Facilities by the Public

[illegible] Journal

[illegible] as well as possible at this time of year. [illegible] while conducting tours for this and last year are available. [illegible] appears to be about the same as last year. [illegible] many people will not have [illegible] time to be spared time but will take such shorter trips, and for such reason travel to the park will be relatively large this year.

[illegible] Protection

[illegible]10 Police Protection

On April 4, Park Ranger Duke arrested one Joe Parker, [illegible], for public drunkenness at Townsend. He was placed in the county jail where he remained for five days unless he got out on payment of all costs. In

the 15th [illegible] civil [illegible] of the same place on the same charge. [illegible] jail [illegible] the next day upon payment of all costs. [illegible] the month, in the Tennessee section of the park, and brought before Commissioner Allen for hearing follows:

Date	Name	Charge	Judgment
4/21	Inman Brentham	Selling fish	$10 and costs, suspended 1 year
	Loy Brentham	" "	Ditto
4/[illegible]	Arthur Hendrick	Fishing at night	Ditto
	[illegible] Kirkland	" " "	ditto
	Bill Kirkland	" " "	Ditto

630 Fire Protection

Park forces were involved in 7 fires in North Carolina and 4 in Tennessee which are listed below:

Date	Name	FSF cost	Area burned (acres) inside	Area burned (acres) outside	No. of men
North Carolina:					
4	Little Laurel Branch	16.00		20	5
10	Cornett Fire	00	3	175	12
19	Little Laurel [illegible]	.80	1/8	3	3
21	Mill Branch	3.00		15	7
28	Peachtree	.00		40	6
	[illegible] Hill	.00	3		5
30	Stubble Branch	.00	1/4		6
Tennessee:					
10	Defeat Ridge No. 1	20.[illegible]	3		11
13	[illegible] Fork Branch	3.00	1/[illegible]		5
[illegible]1	Cantor Road No. 3	5.70		2	4
	[illegible] No. 1	[illegible].7	[illegible].7	----	[illegible]
	Total ----------	10[illegible].07	[illegible]	[illegible]55	[illegible]

640 Lookouts

On April 21 the Lookout [illegible] reported a small fire just off the east end of the park, which he did not have any one of. As per written instructions, [illegible] left the lookout. Johnie Buchanan, [illegible] on duty [illegible], [illegible], and after making a trip up and down the lookout point for [illegible], he went home to rest. Soon after sitting down [illegible] and his foot burned, setting 7 nails in him, one of which injured his right leg. [illegible] Mitchell, [illegible] the lookout with [illegible], started off [illegible] in [illegible] Buchanan. Mitchell [illegible] carry Buchanan [illegible] the lookout and his [illegible]. Buchanan [illegible] people, but [illegible] to his home.

Resident [illegible] gave the following account of the accident from

this office about 4:00 p.m., on the day of the injury, and went to the [illegible].

Sheriff Brewer of Knox County was called out with his bloodhounds, also Sheriff McReynolds of Blount County was on the job, but the man who had shot Buchanan set fire to both sides of the lookout point as soon as Buchanan left it and, therefore, the bloodhounds could not pick up the trail.

It is believed that Mr. Buchanan will recover.

900 Miscellaneous

On the afternoon of April 14 the house occupied by Otis Greenwood near [illegible] caught fire and burned to the grounds. His family were all away at the time and he lost all of his furniture and personal effects. This fire was reported to Fire Guard Poles by the Barnett Knob lookout and fortunately was kept from spreading to the woods.

On April 17, Mrs. [illegible] Kinney, park resident living near Gatlinburg, died at her home from tuberculosis after a prolonged illness. She is survived by her husband and two small children. Interment was at Sevier Forge, Tennessee.

Reports of park revenues, personnel and emergency projects are attached.

Very truly yours,

J. [illegible] Smith,
Superintendent.

Lmil.

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

[illegible] National Park for the Month of [illegible]

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
551 Look[illegible] Tower	$1,000	100	0		[illegible]
Roads & Trails, [illegible]					
501 [illegible]	[illegible]	[illegible]	1		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Roads, Trails, [illegible]					
[illegible]	[illegible]	[illegible]	1	11	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

10-159
(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mts. National Park for the Month of April, 1933.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	7	109	6	15
Number of additions	0	45	0	45
Total	7	154	6	60
Number of separations	0	62	0	45
Number of employees close of month	7	92	6	15
Number of promotions during month	0		0	
Aggregate amount of annual leave taken	0		0	
Aggregate amount of sick leave taken	0		0	
Aggregate amount of leave without pay	0		0	

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mts. National Park for the Month of April, 1933.

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	555.00	1,498.00
Total,	555.00	1,498.00
Remitted,	555.00	1,498.00
On hand close of month,	00	00

Park revenues received this year to date, 3,01[illegible].34

Park revenues received last year to date, 3,00[illegible].55

Increase, 016.7[illegible]

Per cent of increase, [illegible].3[illegible]

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Great Smoky Mtns. NATIONAL PARK

FILE NO.

MAY 1933
MONTHLY REPORT

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J. R. Eakin, Superintendent

IMPORTANT

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 0—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE

June 10, 1933

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of May:

000 General

010 Matters of unusual importance

The outstanding event of the month was the organizing of the Emergency Conservation Work. In fact it took practically our entire time. None of our personnel ate or slept with any degree of regularity. My longest day was on May 27, when I was on the go 21 hours.

Five camps of 200 men each were established during May. The remaining 4 camps will be established in early June. Very little of our program was done during May, the principal activity being thorough organization of the camps. The Camp Commanders are without exception unusually fine men with the true cooperative spirit. Our Camp Superintendents are men who held very lucrative positions during normal times, high class men without exception. To date there has not been the slightest friction between the Army and our forces and none is anticipated.

The truck situation has given us considerable concern. As anticipated the second proposals for renting trucks proved a mere waste of time, and a wire was sent to the Service that trucks could not be rented economically and recommending purchase of necessary trucks. In the meantime we had to make some emergency rentals at prohibitive figures.

Late delivery of hard tools, etc. has also handicapped us. While all camps are established (as of June 5) tools for 2 camps were only shipped on June 3. We have divided up available equipment between the camps but will no doubt have to make emergency purchases of tools.

Following are list of camps established with dates they moved in:

Forney Creek, North Carolina	May 25.
Smokemont " "	" 25
Kephart Prong " "	" 25
Sugarlands, Tennessee	" 26
Big Creek, North Carolina	" 27

On May 6, a number of camp superintendents and foremen were put on the payroll for preparatory work.

On May 23 local park quotas for Laurel Creek and Middle Prong Camps were enrolled in advance of establishment of the camps. The work done by these crews made it possible for these camps to be established in the center of the work, thus saving the necessity of establishment of temporary camps.

Plans had been made for ECW work in the Sunorest area. For several months the State of North Carolina has owned a one-half undivided interest in this property and it was not anticipated there would be any difficulty in securing clearance for this badly needed work from the Sunorest Lumber Company. For some unknown reason they refused to give clearance and a camp in Cosby Creek was substituted instead of the Sunorest Camp.

Considerable difficulty was experienced in securing certification of the men we had selected as our local quota, although in the main we secured the men wanted. Apparently the State Director of Emergency Relief considered certification on the basis of political reward. At any rate he refused to follow the procedure laid down by the U. S. Department of Labor. The Sevier County Emergency Conservation Registrar deleted the names of some of our finest local people on the grounds that they were bootleggers and had court records. We sent their names back to him in a supplemental list with the statement we were certain they were reliable and good workers. He certified the supplemental list saying he had undoubtedly been misinformed.

In Cocke County, Tennessee it is openly stated that the County Emergency Conservation Registrar claims $50 for each man placed as foremen, and $5 for each local man enrolled. We have done nothing about this matter here beyond sending out word foremen and enrolled men owed him nothing. A report was made to the Director. Local papers state the Department of Labor is investigating enrollment in the State of Tennessee.

We received splendid cooperation from Relief Officers in North Carolina.

020 General weather conditions

Reports of observers at Elkmont and Smokemont, points in the Tennessee and North Carolina sections of the park, respectively, follow:

	Elkmont	Smokemont
Mean maximum	73	80
Mean minimum	53	49
Mean	63	65
Maximum	84 5/9/14	89 5/5
Minimum	38 5/5	41 5/17
Greatest daily range	29 5/14	47 5/5
No. days clear	8	15
" " partly cloudy	21	4
" " cloudy	2	12

Precipitation

Total	6.23"	9.16"
No. of rainy days (.01" or more)	10	16
Greatest rain in 24 hrs.	1.38" 5/10	2.13" 5/25

100 Administrative

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
42/3406	$10,600.00	9,651.95	948.05
42/3420	23,900.00	21,498.84*	2,401.16
43436.1	34,000.00	32,182.51	1,817.49
43/4406	8,810.00		8,810.00
4x436	450,000.00	27,600.05	422,399.95
E. C. F.	23,650.00	3,182.51	20,467.49

* $149.97 of this sum spent for fighting Forest Fires.

140 Labor situation

The Emergency Conservation work has greatly relieved the labor situation but it is still acute.

120 Park Inspections by
121 Superintendent

I was in the field on inspection trips practically every day of the month but was only away from home two nights. Things were breaking so fast I had to be on hand for the morning crop of telegrams.

150 Equipment and supplies

Considerable equipment too numerous to list has been received during the month and immediately distributed to the camps for which shipped. However delay in receipt of double bitted axes, wheelbarrows,

trucks, drill steel, brush hooks, blacksmith outfit, and a few other items are seriously retarding work in connection with our program.

170 Surveys

Following is an excerpt taken from the monthly report of Colonel W. I. Lee, Resident Engineer, Bureau of Public Roads:

ROUTE 1-A

A traverse has been made from Newfound Gap down the Tennessee side of the present road. It is anticipated that this will be used as a base line for topography. Present indications lead to the belief that sufficient slack grade exists on this section to begin at Newfound Gap with a seven per cent compensated grade and gradually bench under the present road grade. Should this be found practicable it would materially assist in obtaining the 30 foot width road without excavating back further than the present slope lines, and also tend to reduce the cost of the reconstruction.

The second section which was previously reported as having been flagged with an abney begins about five and one half miles below Newfound Gap. A traverse has been made for a distance of 6,400 feet and contours partially obtained.

The third section begins about four and one half miles above the junction of Routes 1-A and 3-A. This section stands as previously reported.

ROUTE 2-A PROJECT 2-A-1

The transit party located the center line between stations 233 and 360. Levels have been run and checked between station 78 at Indian Gap to station 320. They have been run from Newfound Gap to station 78 and from station 320 to station 340, but not checked. Actual field work time amounted to nineteen days.

The plans for the first five miles were sent to Washington on May 5th and the plans for the three additional miles will go forward just after the first of June.

The total length of the projected location on this project is from Newfound Gap to station 387 + 50. Including the wye layout at Newfound Gap the length of the project is about 7.66 miles. Station 381 is about the top of Forney Ridge. This is the spur leading from Clingmans Dome to Andrews Bald.

200 Maintenance, Improvements and New Construction

230 New Construction

Following is an excerpt taken from Associate Engineer White's May report:

Trail No. 6 to Mt. LeConte via Cherokee Orchard and Rainbow Falls was completed on May 30th but up to the present time there has been no opportunity for an inspection. Assistant Chief Ranger Dunn rode to LeConte over this trail on May 19th and reported that it was going well and that but little work was needed for completion.

It is hoped that there will be an opportunity to work this trail over in the near future and prepare it for the summer. There are always water breakers and other details that some attention until becoming set and packed in place. Some work also is needed on Deep Creek Trail, No. 2, which would have been accomplished some time ago were it not for the fact that the status of accounts have been a little uncertain.

Costs on projects recently completed will be compiled and reported at an early date.

The following excerpt was taken from the monthly report of Colonel W. I. Lee, Resident Engineer, Bureau of Public Roads:

ROUTE 1-B PROJECT 1-B-1

Description of Project: Tow String to Boundary Tree, 3.97 miles, 30 feet graded roadbed, 20 feet by six inches crushed stone traffic bound surfacing.

The location of this project follows along the right valley and foothills of the Oconaluftee River. The heavy rainfall during the winter and spring months has retarded the progress of construction. Innumerable subsurface seeps and streams have been encountered flowing from the higher elevations on the right and crossing to the Oconaluftee River on the left of the highway. In fact when the project was rapidly prepared for contract in the fall of 1932, surface indications led to the belief that no under drainage was necessary except at one locality near Boundary Tree.

The quality of the work performed has been good, though some negligence has been observed in maintaining conditions on the highway suitable for the passage of vehicles.

The rate of progress during the month has been disappointing though an excessive amount of rain has fallen. At this stage in construction

performance it will be impossible for the contractor, Mr. Nello L. Teer, to increase his rate of progress until work begins on item 18, crushed stone surfacing.

A jaw type crusher has been installed about 1.8 miles from station 635 on the project and will be ready to begin operations early in June. The platform scales arrived May 31st and will be installed about station 865.

The materials used on the project have all been tested.

The project is 49-4/10 per cent complete and 60-9/10 per cent of the contract time has been consumed.

Due to the wet sub-surface conditions found at different localities along the line, some shifting of grading equipment has been necessary. However, the rough grading between stations 585 and 667 has been completed with some yet remaining between stations 667 and 751. The final rough grading should be completed in June.

The status of the drainage structures is as follows:

The two box culverts have been completed. Couche's Creek bridge has been completed. Mingus Creek bridge is 33 per cent complete. All pipe lines have been completed except one line. Underdrains have been installed in a number of places and others are yet to be installed.

An average of sixty men were employed on the project during the month.

240 Improvement of approaches to park

The Dry Valley road has had additional rock put on it and ditched. Cocke County did a good job of dressing up the two miles of road between the State highway and Camp No. 6, Cosby.

200 Landscape work

The establishment of nine Emergency Conservation Camps in the Park area occupied the entire time of the Park organization. Mr. Eakin is handicapped with an administrative organization too small to even cover properly the regular park matters, and it was necessary for everyone to give him all the assistance possible, even though in some cases it was not in line with their regular duties. The spirit with which this was done is indicative of the loyalty of the entire organization to the Superintendent as well as showing the typical Park Service spirit of co-operation. A total of ten landscape architects and two planting experts are now employed in connection with the ECW work. Seven camps are using the landscape men as foremen, and in two camps these foremen are being assisted by the planting experts. Three landscape architects on detached service are inspecting the work being carried on in the camps and are giving the necessary advice to the various foremen to properly and economically carry on the work.

Campsites were so chosen, as far as possible, so that a minimum damage to the vegetation growth would result from the establishment of a two hundred man camp. All sites have received the approval of the Superintendent, Landscape Architect, Engineer, and the Army.

The work being done from the camps falls into three classes, all of which need constant landscape supervision. It was for this reason that it was thought necessary to place a landscape trained foreman in each camp to advise the camp superintendents, who as a rule are high class engineers or logging superintendents. The three types of work with regard to their priorities are as follows:- 1 - motorways, 2 - trails, 3 - forest cleanup. In camps four and five, Zephart Prong and Smokemont, a different type of work is being carried on - the landscaping of the Smokemont - Newfound Gap road. Mr. Frincke, who has had considerable experience on both the Westchester and Mt. Vernon jobs is giving considerable of his time to this project, as will also Mr. Wilhelm and myself. This is a real opportunity to show what the landscape architects can do if given an opportunity. Mr. Wilhelm has been instructed to take plenty of, before and after, pictures.

The above was an excerpt from Assistant Landscape Architect Ludgate's May report.

300 Activities of other agencies in the park

320 Cooperating governmental agencies

As stated above, the five camps established during the latter part of the month were engaged in thoroughly organizing the camps. The only work of consequence done was by the local quotas of Camp No. 1, Laurel Creek, and Camp No. 3, Middle Prong, enrolled in advance of establishment of the camps. 5 miles of old county road were improved by the former, and 2-1/2 miles of old logging grade, including two bridges, fifty feet long, were made into a satisfactory motorway. This work permitted access to camping sites at the center of the work, instead of making temporary camps, working the roads to permanent camp sites, and then moving camp.

330 Cooperating non-governmental agencies

The Tennessee Forestry and Conservation Commission, which took over the matter of acquiring property needed for the park held its first meeting May 16. Arno B. Cammerer, Associate Director, National Park Service, attended the meeting. I was too busy on ECW work to attend. It has been previously reported that the Tennessee Great Smoky Mountains Park Commission was abolished by Act of the Legislature.

The new Commission appears to be a great improvement over the membership of the Park Commission, as constituted at the time of abolishment. Miss Marguerite Preston, the only assistant secretary to Colonel Chapman when the first Park Commission was established, and who was dismissed by the Commission

that replaced the first Commission, was reemployed, as was W. R. Mize. Some real constructive efforts are again being made to acquire the necessary property.

400 Flora, fauna, and natural phenomena

410 Ranger service

During the month all rangers devoted practically their entire time to Emergency Conservation matters. Selections of camp superintendents, foremen, and mechanics were made, and placed on duty during the month.

The Swain and Haywood County Welfare Boards in North Carolina, and the Sevier, Cooke and Blount County Emergency Conservation registrars in Tennessee were contacted and lists of park quota of local experienced men were approved. On May 18, forty men selected for Middle Prong camp, and forty men selected for Laurel Creek camp were put to work revamping the road and making it passable in order to move the army quota into both camps upon arrival.

480 Natural phenomena

Laurel bloomed in great profusion during the month. The first blooms of purple rhododendron appeared the latter part of the month. It appears this showy flower will be at its best about June 15, the same date as in two years past.

For some reason unknown to us white rhododendron (Maximum) bloomed very little this year. However the purple variety (Catawbiensis), the showiest flower in the park, gives evidence of outdoing itself.

Other prominent plants blooming during May were: Flame Azeale, Smooth White Azeala, Wild Iris, Bleeding Heart, Hobble Bush, Tulip Poplar, Silver Bell, Wild Crab, Hawthorne, Trilliums (several varieties), Blue Sage, Southern Black Haw, Jack-in-the-pulpit, Buckeye, Dog Hobble, Cucumber Tree, Sweet Shrub, Squirrel Corn, Dutchman's Breetches, Wild Columbine, Wild Geranium, Goat's Beard, Ladies Slippers and several other wild orchids.

Through an inadvertence, which may as well be called the heavy load of ECW work we were carrying, mention of flowers was not included in our report for April.

Following were the most important of blooming plants in April: Violets (several varieties), Bluets, Trailing Arbutus, Wild Cherry, Virginia Bluebell, Wild Mustard, Ironwood, Dogwood, Phloxes (several varieties), Red Bud, Service Berry, Spring Beauty, Pinxter Flower, Golden Ragwort, Meadow Rue.

500 Use of Park facilities by the Public

510 Increase or decrease in travel

Travel to the park during May showed a decided increase from observations

over any month since the early fall of 1932. Warm days have evidently stimulated the desire to go to the mountains. This not only has been noted on trips in the park but also by the increase in patronage of local hotels.

530 Visitors

Governor McAllister was in the park on May 17. Unfortunately I was in the field with some Army officers and did not get to see him.

Dr. Cain of Butler University brought a group of 20 students to the park to study flora May 7, and visited the Newfound Gap and Cades Cove sections during their stay.

Dr. Jennison from the University of Tennessee brought a group of 20 to Cades Cove to study the flora, May 20.

600 Protection

610 Police protection

Two Haywood County park residents appeared before Judge Webb in Federal District Court in Asheville the week of May 8, both of whom live in the Cataloochee District. One, George Sutton, who was charged with the sale of liquor, was given 60 days in jail. The other, Uncle Steve Moody, who is past 60 years of age, was charged with possession of several gallons of liquor and was fined $25.

We had but one case before this court in Bryson City the following week. In this case, one G. M. Wilson, charged with possession of firearms and hunting on park lands on Forney Creek was turned loose, judgment being suspended for three years and the defendant placed on probation.

On May 8 a Federal warrant was sworn out for one Claude Rogers on information supplied by Deputy State Game Warden Watson of Smokemont charging him with (1) fishing on the closed waters of Bradley Fork, (2) possession of undersized fish and (3) fishing without a license. He has not been apprehended to date.

On May 3, Fire Guard Calhoun apprehended one Clint Hollifield of Bryson City on Eagle Creek in possession of a catch of trout exceeding the limit and all under the legal size. On May 22 he appeared before U. S. Commissioner Meadows at Bryson City and was bound over to Federal Court under $200 bond.

Other cases tried before Commissioner George Allen of Sevierville follow:

Date	Name	Address	Charge	Judgment
8	Bob Stillman	Knoxville	Retaining under-sized fish	$5 and cost Paid
"	Dolly Cogdill	Elkmont	Fishing closed streams	" " " "
"	Richard Duskill	Newport	Cutting green trees for fuel	" " " suspended
"	Joe Dotson	"	ditto	" " " "
"	Hugh Nease	"	ditto	" " " "
27	Doc Smith	Gatlinburg	retaining under-sized fish	" " " "
"	Bruce Sims	Pigeon Forge	ditto	" " " "

620 Fire protection

One three acre fire occurred in the park May 1 on Briar Branch, suppression cost being $16.60. This fire was caused by the Little River Lumber Company's train and the company paid the suppression costs.

On May 1 due to a shortage of funds, the State was forced to lay off 4 of the 5 fire guards it had been employing in the Haywood County section of the park. Three of these men were placed on the park pay roll from May 1 to 15. On the latter date all temporary fire guards were laid off on account of the close of the spring fire season.

900 Miscellaneous

It is with much regret that we record the death of a former park resident, Mrs. William Bradley, age 90 years, at her home near Bryson City on May 16. She was buried in the park in the Beck cemetery near Smokemont.

Two stores at Smokemont, in the North Carolina section of the park put beer on sale on May 9.

The old Indian Gap Hotel was sold for salvage at public auction on May 24, thus removing a veritable bone of contention.

Reports of park revenues, personnel and authorized projects are attached.

Very truly yours,

J. R. Eakin,
Superintendent.

Incl.

10-158

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mountains National Park for the Month of May, 1933.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
831 Lookout tower	$1,000	100%	0	0	Oct. 15, 1933
Roads & Trails, Emerg. Const.					
501 Trail construction	19,250	100%	7	12	May 29, 1933
502 Roadside cleanup	10,000	100%	0	10	Apr. 22, 1933
503 Smokemont mill cleanup	3,000	100%	5	30	May 6, 1933
Roads & Trails, Nat'l. Parks					
1B1 Boundary Tree-Smokemont	85,000	49.4%	10.4	17	Sept.10, 1933
2A Newfound Gap-Clingmans Dome	365,000	0	0	0	Sept.30, 1933

10-159
(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of May, 1933.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	7	92	6	15
Number of additions	0	0	0	39
Total	7	92	6	54
Number of separations	1	87	0	49
Number of employees close of month	6	5	6	5
Number of promotions during month	0	0	0	0
Aggregate amount of annual leave taken	0		2	
Aggregate amount of sick leave taken	0		0	
Aggregate amount of leave without pay	0		0	

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mountains National Park for the Month of May, 1933.

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	158 00	446 00
Total,	158 00	446 00
Remitted,	158 00	446 00
On hand close of month,	00	00

Park revenues received this year to date,	3 777 34
Park revenues received last year to date,	3 448 55
Increase,	328 79
Per cent of increase,	9.5%

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO.

June 1933
MONTHLY REPORT

- - - - - - - - - - - - - - -

J. R. Eakin, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 6—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE
July 13, 1933

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of June:

000 General

010 Matters of utmost importance

ECW activities continued to absorb our entire time.

Four camps moved in during the month:

No. 1, Laurel Creek, June 1
" 3, Middle Prong, " 1
" 8, Greenbrier, " 2
" 6, Cosby Creek, " 5

Cosby Creek Camp was the last of our 9 camps established, 5 camps having been established in the latter part of May.

Work has progressed satisfactorily considering the number of men available for work on park projects. The number of men kept in camp for work around camp is astonishing. Of 186 effectives at Camp Number 2, an average of 84 per day or 45 per cent were kept in camp by the Camp Commander. At camp No. 5 an average of 43 per cent of the men were held in camp. At Camp No. 3 an average of 31.6 per cent of enrolled men were kept in camp.

It is understood construction of lumber mess hall, barracks, etc., will be underway soon. Based upon experience the past month we fear more than one-half of the enrolled men will be engaged on this.

I continually stress the importance of putting as many men as possible on park projects but Camp Commanders reply their first duty is to make the men comfortable. As I see it if an argument should arise as to just what is necessary to make the men comfortable, the cards are stacked against us.

As a rule the Camp Commanders are enforcing the necessary discipline. However in one camp the Camp Commander has let the CCC men get somewhat out of hand. The Camp Commander has promised to correct this condition.

Colonel Gordon Johnston, Commanding Fort Oglethorpe and who administers all camps in the park for the Army was in the park twice during the month on trips of inspection. Needless to say I accompanied him during his entire stay in the park.

Colonel Johnston advised me that the Army would connect all camps with telephones, using materials on hand. To date no telephone installations have been made.

Wm. P. Kramer, Liason Officer, Fourth Corps Area, Fort McPherson, Georgia, was in the park on June 10. It was with regret that I learned Mr. Kramer was leaving his liason duties on June 24. He has been of inestimable help to us during the uncertainties of organizing our camps.

The Little River Lumber Company loaned the park a steam shovel, steam loader, and a steam compressor, all free of rental charges. The State of North Carolina loaned us a compressor, two jackhammers, and two men to operate the equipment, all without cost to the park, except for gasoline and oil which the park supplied.

The reaction of local mountaineers to enrollment is interesting. It being something new many of them refused to enroll when offered the opportunity. After observing conditions practically all of them now wish to enroll. Of those enrolled we do not know of a single man who is dissatisfied.

020 General weather conditions

Some of the hottest weather and some of the coldest weather for June for years was experienced the past month. On June 15 there was a heavy frost at our highest camps. The month was abnormally dry and crops are seriously injured by the drouth.

Reports of observers at Elkmont and Smokemont, points in the Tennessee and North Carolina sections of the park, respectively, follow:

	Elkmont		Smokemont	
Mean maximum	78		84	
" minimum	55		54	
Mean	66		69	
Maximum	95	6/8	95	6/21
Minimum	46	6/3	41	6/1

	Elkmont	Smokemont
Greatest daily range	31 6/8-15	41 6/19-20
No. days clear	13	23
No. days cloudy	4	3
No. days partly cloudy	13	4

Precipitation

Total	4.51"	2.22"
No. of rainy days (.01" or more)	6	6
Greatest rain in 24 hrs.	1.51" 6/29	.62" 6/23

100 Administrative

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
42/3406	$10,600.00	9,975.60	624.40
42/3420	23,900.00	22,180.59*	1,719.41
43436.1	34,000.00	32,583.64	1,416.36
43/4406	7,100.00	00	7,100.00
4x436	85,000.00	35,660.65	49,339.35
43/4400	500.00	00	500.00
44420	16,830.00	00	16,830.00
ECF	38,700.00	17,238.40	21,411.60

* $249.37 of this sum spent for Fighting Forest Fires.

140 Labor situation

The following enrollments of local men were made during the month:

Camp No. 2, June 2, 20 men
Camp No. 4, " 1, 37 "
Camp No. 5, " 1, 37 "
Camp No. 6, " 22, 30 "
Camp No. 8, " 9, 28 "
Camp No. 9, " 3, 37 "
Camp No. 7, " 9, 37 "

170 Surveys

Following is an excerpt from June report by Colonel W. I. Lee, Resident Engineer, Bureau of Public Roads:

PROGRESS ON ROUTE 1-A

A traverse of the present road commencing at Newfound Gap has been surveyed for a distance of eleven miles.

Levels were run from Newfound Gap to the bridge across Little Pigeon River where a tie was made with a temporary U. S. G. S. bench mark. Our elevation was found to be 1.04 feet below that given for this bench mark. We are now checking back up the mountain to complete the circuit of levels.

Topography has been taken from Newfound Gap to station 181 on line P-3. From station 184 to 237 on line P-2, and from station 0 to 82 on line P-1.

Location projections were started at Newfound Gap using the minimum radii of 150 and 200 feet for curvature. The compensation of grades due to curvature was commenced to conform to the following: For each degree of curvature under radius of 10 degrees reduce the grade by 0.10%.

A narrow road has been built by the State of Tennessee using a minimum radius of 35 feet and a ruling grade of 6 per cent as shown by the plans. The construction of this road produced a well defined landscape scar on the mountain side. Our attempt at the projected location was with the view of minimizing this scar by the construction of a wider road within the same vertical plans. However, it was soon discovered that we could not hold to our standards of design for curvature and grade compensation and still retain the road within the present scarred area. Since it is understood that an extension of this road built by the State of North Carolina down the south slope of the mountain with minimum curve radii of 103 feet we assumed that a similar minimum radius could be allowed for the north side. However, when we applied our grade compensation rule to such short radii it was found impossible to get down with the grade. As the grade compensation of the North Carolina road appeared to be very light or nil, it was decided to use a formula for grade compensation that would allow us to get down so the West Virginia rule was adopted which follows: For each degree of curvature under a radius of 10 degrees reduce grade .075 per degree. So these are the standards of design that will be required between Newfound Gap down to the crossing of the Little Pigeon River near the old Indian Gap Hotel.

ROUTE 2-A PROJECT 2-A-1

NEWFOUND GAP TO CLINGMAN'S DOME

The transit survey locating the center line of this project was completed June 3.

Levels were completed on June 12, 1933.

200 Maintenance, Improvements and New Construction

240 Improvement of approaches to park

Oiling the Newfound Gap-Towstring section of the Newfound Gap Route, (North Carolina) was completed and the road thrown open to travel on June 30. The work was financed by North Carolina. The contract between this fine surfaced highway in North Carolina and the narrow, tortuous, and dusty road in Tennessee is most striking.

North Carolina is now surfacing North Carolina Highway No. 112, which leads from Cherokee to North Carolina Highway No. 10. The grading for this project was recently completed.

Excellent progress is being made on the Haywood County section of the Soco Gap road. Surveys have been completed for the Swain County section of this road. I am advised it will be advertised in the near future.

I have also been advised that in the near future North Carolina Highway No. 107, from Cherokee to Ela, will be advertised.

Superintendent Spalsbury of the Qualla Indian Reservation advises me that Indians on the Reservation paid by ECW funds will rebuild the road from Revensford to Big Cove.

In Tennessee bids have been solicited for paving the fine approach road from Knoxville to Sevierville. I am advised the paving will be 50

feet wide.

It is believed Sevier County will build a first class road from Pitman Center to the Park Line (Greenbrier). The County Road Superintendent stated that if a 50 foot right of way were secured and the Park would locate the two miles of road he would immediately start grading and surfacing it. One of our engineers on detached service located the road. The location was checked by Resident Engineer Lee of the Bureau to insure it could be properly tied into the road that will be built from the Park Line to Greenbrier. The existing road from the Park Line to Greenbrier has been worked over to the extent that it is now an all year road.

The existing two miles of road from Pitman Center to the Park Line is very bad after a rain even in summer time. In late fall it becomes impassable. If this road is not rebuilt before fall Greenbrier Camp may be inaccessible for trucks. There is now a good road from Sevierville to Pitman Center.

230 New construction

The only construction activities in the park during the month were those in connection with ECW. Following is a narrative report of this work prepared by Associate Engineer Robert F. White:

The following constitutes narrative report of ECW Camp activities from date of establishment to and including June 30, 1933. The time required to set up the camps varied from two days to ten days but little work was performed, for National Park Service, prior to June 1st.

Camp No. 1, Laurel Creek:

Prior to arrival of detachment from Fort Oglethorpe a crew of forty local men was enrolled to prepare road from Townsend, through Dry Valley, to camp site. These men under Superintendent F. K. Paxton did excellent work and in one week had repaired a formerly impassable road so that upon arrival the detachment was moved ten miles directly to camp site.

The above work, of course, was hasty and superficial and since the establishment of camp much more work has been done on this road including surfacing of soft spots, longitudinal and traverse drainage, bridges, etc.

In addition a trail crew has been working and some forest cleanup has been accomplished in the felling of dead chestnut. A large part of the trees from the latter operation have been utilized as timbers in the construction of a shop, log cribbing, and bridges.

A large part of the enrolled personnel, has been engaged, under

Army supervision, in the construction of a swimming pool, base ball diamond, hand ball courts, camp roadways, walks, parking spaces, etc.

Camp No. 2, Sugarlands:

This camp moved in on May 26th. Improvements at the site include roads, walks, etc. and a base ball field at the forks of the River.

Operations under National Park Service supervision consist of three trail crews working on the Bull head Trail to LeConte and the Sugarland Mountain Trail from Fighting Creek Gap, a road crew on Little River above Elkmont improving the old road and bridges. In addition a forest cleanup crew has been cutting dead chestnut and a magazine for explosives was constructed. This camp also has handled much of the equipment arriving at Sevierville and unloaded and had serviced all new trucks at that point.

Camp No. 3, Middle Prong:

As in the case of No. 1, a local crew was enrolled prior to the arrival of this contingent. About three miles of railroad grade above Tremont, Tennessee was improved by the removal of ties, smoothing and ditching. Upon the arrival of the company on June 1st, it was transported to a point above Tremont over the rails of the Little River Lumber Company and moved in trucks from there to the camp site.

Since the establishment of camp most of the men have been engaged in the construction of a road from Tremont to Walkers Valley. The Little River Lumber Company has contributed much heavy equipment on this project, which, when completed, will provide a motor way into the camp site.

Another road crew has been working on the extension of the old grade up the Lynn Camp Fork and also Marks Creek, in order to facilitate the transportation of men and equipment.

Camp No. 4, Smokemont:

This company arrived at Bryson City on the night of May 25th and the following day moved to the "Sandtown Bottoms", across the Bradley Fork from the old mill site at Smokemont.

Three crews from this camp are working along the recently completed Newfound Gap Highway on roadside improvement, including cleanup, sloping cuts and fills, daylighting, transplanting etc.

Two trail crews have been working since the establishing of the

camp and have made good headway on a portion of the Hughes Ridge and connecting trails.

One road crew is engaged in improving the old road and bridges up the Bradley Fork.

A forest cleanup crew is working on the removal of dead chestnut much of which has been utilized in the repair of bridges and other structures.

Camp No. 5, Kephart Prong:

The detachment for Camp No. 5 arrived at Bryson City at the same time as No. 4 and moved to the Forks where Kephart Prong joins the Oconaluftee River.

Five crews under construction and landscape foremen are working along the North Carolina Newfound Gap Highway on roadside improvements including cleanup, sloping and rounding of cuts and fills, daylighting, and planting.

One trail crew is engaged on the Richland Mountain Trail.

An old railroad trestle across the "Lufty", just below the camp was rebuilt and a short stretch of road improved into the camp site. Another old haulway in being reworked up Kephart Prong to provide a means of transportation for men from camp and also fire crews in the future. From the end of this motor way trails will connect with the Richland Mountain and other ridge trails.

In addition to the above a magazine for explosives and a shop have been constructed, and some assistance given in the installation of camp water supply system etc.

Camp No. 6, Cosby Creek:

Date of arrival of this camp, June 5th, location two miles from Cosby, Tennessee up Cosby Creek.

The establishment of this camp was considered primarily from the standpoint of forest cleanup, as there are large stands of dead chestnut.

Crews have been working on this cleanup and also on the construction of trails and continuation of the old road up Cosby Creek.

A total of 1019 trees have been felled, 441 of these being larger than 8 inches in diameter, the remainder being smaller than eight inches.

Camp No. 7, Big Creek:

The company for No. 7 Camp arrived at Newport, Tennessee, May 27th and moved over the rails of the Tennessee and North Carolina Railway to the camp site one mile up Big Creek, from Mt. Sterling, North Carolina.

From this site an old logging grade continues up Big Creek and it is the intention to move camp some six miles up the Creek to Walnut Bottoms.

Two trail crews have been working from this camp on the trails to White Rock and Mt. Sterling but with the necessity for speed in moving camp these have been called in and all available men put on the job of repairing the old grade. This includes some new construction and the building of at least two bridges.

Camp No. 8, Greenbrier:

The first consideration after the establishing of this camp, on June 2nd was the improving of the 3-1/2 miles of road from the Park Line at Emerts Cove to the camp site. All available men were placed on this job until a point was reached where some could be transferred to other work. A crew is continuing to improve the road with surfacing and drainage and a decided change for the better has occured.

One trail crew is engaged in the building of the Bruchy Gap Trail, which will connect down the Roarin Fork to Gatlinburg.

Locators are also working on the flagging of a trail to the top of Pinnacle Mountain. This will not only be a trail but will also serve to transport materials for the Fire Tower planned for the top of the Pinnacle.

In addition to the above work some forest cleanup has been accomplished, some of the timber, as in other cases, being utilized for bridges etc.

Camp No. 9, Forney Creek:

This camp too, on arrival May 25th, set up on a temporary location just outside the Park Boundary on Forney Creek. Two miles of road from North Carolina Highway No. 288 had to be improved, and efforts are being made to build bridges, improve the old road, and move the company two and one-half miles up Forney Creek, inside the Park at the earliest possible date.

In addition one road crew is building a motor way up Bear Creek, to connect with a logging grade, and together with a trail from the upper end, will serve the Fire Tower planned for High Rocks.

One trail crew is working on the construction of a trail along the Park Boundary west of camp. This will tie in with the ridge trail from High Rocks and cover the section outside the boundary where most incendiary fires originate.

General:

The construction of motorways so far has consisted mostly in the improving of old logging railroad grades by removing ties, rocks, slides, etc., installing drainage, and smoothing up the surface. The width has been kept at approximately nine feet, exclusive of side ditches. Where necessary shale and crushed rock are being used for a firm surfacing.

Trails are being built with due consideration as to grade and alignment and are receiving the same attention as in the trail program recently completed. Short connecting trails are two feet in width while the main ridge trails are wider, inasmuch as these latter serve a large area and also constitute to some extent a fire break.

Local timber is being used for all structures with the exception of the smaller culverts. These are built of stone where practical.

Actual construction costs are fairly reasonable, but if the number of men retained in camp is charged against the projects the costs will be increased very materially. On the other hand it is hoped that after the men of the CCC become more familiar with the work, the cost will decline.

The distribution of men in the camps vary as to the crews on the different projects, but as a whole it follows rather closely our original lineup. Trail crews consist of from 15 to 20 men each depending on the type of construction and nature of the country; motorway crews of approximately 30 men each; and forest cleanup and landscape (or roadside improvement) crews of from 12 to 20 men each. Where numerous bridges are under construction the crews are made up of from 10 to 14 men.

260 Landscape work

The following report was submitted by Assistant Landscape Architect V. Roswell Ludgate for the month of June, covering the activities of the Branch of Plans and Design in the Park during the month:

Mr. Ludgate spent practically the entire month in the field inspecting the various types of work being carried on in the CCC camps and instructing the Camp Superintendents and Foremen along general lines coincident with our regular construction policies. It was found that a number of Superintendents and Foremen were unfamiliar with our trail location and construction policies, and a general set of instructions was issued to clear up some of

their problems. A sketch for a temporary bridge was prepared, and a copy issued to all camp superintendents. Work in cooperation with the Bureau of Public Roads was continued, and Mr. Frincke is studying the Forney Ridge parking area. A grading plan for the area will be completed in the near future. Work in the various camps is as follows:

Camp No. 1 (Laurel Creek), Supt. Paxton, Landscape Foreman Bird:

Work from this camp has been almost entirely confined to the reconstruction of the motor road through Dry Valley and along Laurel Creek to the campsite. This road is the only means of transporting supplies into camp, inasmuch as the connection through Cade's Cove is impassable during wet weather. Mr. Bird being the only man in camp aside from the Superintendent with technical engineering experience has been helping out with the engineering details as well as taking care of his landscape problems. He is organizing his work so that he will be able to make regular inspections of all work being carried on from this camp, and advise the superintendent on all landscape matters.

Camp No. 2 (Sugarlands) Supt. Holt, Landscape Foreman Pease:

Cleanup of dead chestnut, motorways south from Elkmont on the Little River, and the Jake's Creek - Blanket Mountain Road, the Bull Head-LeConte trail, and the Fightin Creek Gap-Sugarland Mountain trail constitute the activities being carried on from this camp. Desire to cooperate fully with the Army personnel caused us to allow the use of Landscape Foreman Pease in clearing and laying out a baseball diamond for the use of the boys. When it was found that too much time was being spent on this work to the neglect of more important duties, Mr. Pease was given a small crew for landscaping the trails. Arrangements have been made whereby Mr. Pease will be able to inspect all construction activities. An inspection of trail work by Mr. Ludgate indicated that some of the location was being placed on excessive grades. This was reported to the camp superintendent who will check up on this detail in the future. Construction on the Fightin Creek Gap trail was also inspected and found to be below our regular standards. This, too, will be corrected.

Camp No. 3 (Middle Prong) Supt. Tipton, No Landscape Foreman:

The force of almost the entire camp has been concentrated on the construction of the motorway on the old logging grade along the Middle Prong of the Little River.

Camp No. 4 (Smokemont) Supt. Montony, Landscape Foreman McCammon, Planting Foreman Farrell:

The trail crews in this camp have had at least four days start on all

other crews and have finished approximately six and one half miles of trail in the past month. Information from Washington allowing us to increase our trail width to four feet necessitated refinishing some trail which had already been constructed on the two foot standard. One fire trail, one and one-quarter miles long has been built and a new four foot trail beginning at the old Conner homestead has been started. This trail when finished together with the fire trail mentioned will be used to decrease the travel distance to and from the work. The ridge trail on Richland Mountain has been built to a point where it intersects these trails. The trail crew on Hughes Ridge has progressed so far that it will soon be necessary to establish a spur camp on the ridge.

Mr. Morgan, the forest cleanup foreman, is doing a very nice job of disposing of the dead timber along the Newfound Gap Highway. During the past two weeks his crew has cut and disposed of 915 trees.

The motorway construction along Bradley Fork is progressing rapidly after the initial delay due to the necessity of repairing several bridges.

Mr. Farrell, with Mr. Hicks, under the general supervision of Mr. Frincke are completing the vegetable cleanup and vista cutting on the Newfound Gap Highway.

A small landscape crew was turned over to Mr. McCammon for construction along the highway. It has been necessary to open up and extend nearly all the culverts before starting grading operations. Mr. Frincke is keeping in close touch with this work.

Mr. McCammon has also assisted the Army in arranging their buildings and tents, and in laying out a water system for the camp.

Camp No. 5 (Kephart Prong) Supt. Roeser, Landscape Foreman Harris, Planting Foreman Elliott:

Mr. Harris has taken active charge of the development along the Newfound Gap Highway under the supervision of Mr. Frincke. The development to the present time has been only partially complete because the camp is not fully equipped, and the missing equipment is necessary for the finishing work. Missing equipment consists chiefly of wheelbarrows, bars, and trucks. The work extends over approximately one and one-half miles of highway on both sides and includes resloping cut banks, removing daylight areas, and grading of fill slopes.

Mr. Elliott under the supervision of Mr. Harris has cleared and grubbed an area along the highway extending over a distance of about two miles, in preparation for regrading which will follow.

Camp No. 6 (Cosby) Supt. Castle, Landscape Foreman Frost:

Most of the work from this camp consisted in improving the approach road into camp and cleanup of the dead chestnut. An inspection trip by Mr. Ludgate indicated that insufficient instruction had been given in trail location details. For this reason trail construction was temporarily stopped until such time as it could be placed on its proper location. Mr. Wilhelm spent two days in camp instructing Superintendent Castle and Landscape Foreman Frost in these details, and the work is now progressing satisfactorily. An inspection of the road work indicated that this was being carried out satisfactorily. Some very nice sloping has been accomplished along these lines.

Mr. Frost reports as follows: "Direction of unskilled men on these projects has allowed, during the inception of the camp, very little time for actual field work, and if I find it politic to make myself readily available for such work it is only that I may establish myself as the natural person to turn to in any matter pertaining to landscape matters of any character.

"Direction of these men has provided a guide to the selection of men for actual occupation in any capacity we are ready for.

"The cooperation of the entire personnel to tb military and civilian promises well for the success of our operations."

Camp No. 7 (Big Creek) Supt. Woodbury, Landscape Foreman Wedge:

Mr. Wilhelm reports as follows: "This camp was the last to become permanently organized and consequently has a smaller amount of work completed. Mr. Wedge has worked out a setup with Mr. Woodbury that in my estimation is ideal. He has charge of a small forest cleanup crew and will have a landscape crew when the road to the permanent camp is completed. Aside from this he has active supervision of finishing on all work that applies to landscape details. Three trail bridges are under construction and one bridge over Big Creek. The trail bridges of which one is finished are not of a standard type and will have to be changed to some extent. This change is in the guard rail and will not necessitate the wrecking of any large amount of work already done."

"Mr. Wilburn with the help of Wedge has developed the trail along the creek cliff in a most interesting manner".

"The road to the permanent camp site was extended 4000 feet with four small bridges. This makes a total of 8000 feet of motorway passable to traffic and it is hoped that this road will be completed by August first".

Mr. Wilhelm has been requested to make some sketches of trail bridges for the Big Creek work.

Camp No. 8 (Greenbrier) Supt. Frierson, Landscape Foreman Leeson:

Work on the road from the Park Boundary to Greenbrier occupied almost the entire month. This was necessary inasmuch as the road was in very bad condition and was sorely need for the hauling of supplies to the camp.

Checking up on trail locations occupied the entire time of landscape Foreman Leeson who is proving to be one of our most satisfactory field men. The following quotation from his report shows his feeling for scenic details: "The Lower Ramsey Creek runs through a chasm which is the finest thing I have seen since I have been here. A trail at 15% could not be built up it but the proposed trail can touch it at several places. There are cliffs and rocks 100 to 150 feet high, with overhanging ledges. The virgin growth of immense hemlock and tulip should attract as many visitors as the view from the top of the Pinnacle".

The following memo to Mr. Kakin was issued after he had requested an examination of the terrain for the production of timber for Army barracks:

"Inasmuch as the forest cleanup operation in Greenbrier will involve no skidding, but will consist simply in felling the dead chestnut in place, we can see no justification for the installation of a sawmill. The natural regeneration in this area is such that the damage to the terrain involved in skidding the material to camp would not be commensurate with the possible economy of a sawmill operation".

Camp No. 9 (Forney Creek) Supt. Greear, Landscape Foreman Swope:

Mr. Wilhelm reports as follows: "This camp has the most representative type of work of any on the North Carolina side of the mountain; having three bridges under construction and one partly demolished. Two of these bridges are 70% complete and one 20% complete. Aside from this there are two motor roads under construction and one trail. The motor road up Forney Creek has been rebuilt to the second bridge crossing - a distance of one and three-quarters miles. The second up Bear Creek is blocked out and graded for one mile and within a quarter of a mile of the old railroad grade. The trail to Andrew's Bald has been rebuilt to a four foot standard for one and one-half miles".

"Foreman Swope is grading banks along the old Forney Creek road which he will finish next week and take over a larger crew on grading banks along the new Bear Creek road. This arrangement will give him a crew of about 40 men and layouts in much the same manner as Mr. Hedge at Big Creek".

"Forney claims the distinction of being the first to raise big game in the form of a bear and two cubs. The cubs are certain evidence that papa bear is somewhere in the vicinity unless of course he is a travelling salesman".

General:

One of our major difficulties so far has been the inability of the Army to turn over a large enough quota of men to be consistent with the overhead which we are employing. One hundred and fifty men is a good average per camp per day, some camps are receiving as few as 120 men per day for work in the field.

In order to cooperate with the Army as much as possible we have permitted a great deal of temporary construction which would ordinarily have been refused. So far the cooperation seems to be all on our side. However, as the work progresses we hope to show some real progress.

300 Activities of other agencies in the park

315 New contracts

Following is an excerpt from June report of Colonel W. I. Lee, Resident Engineer, U. S. Bureau of Public Roads:

ROUTE 1-B PROJECT 1-B-1

Description of the Project: Two String to Boundary Tree, 3.97 miles, 30 foot graded roadbed, 20 feet by six inches curbed stone traffic bound surfacing.

The location of this project follows along the right valley and foothills of the Oconaluftee River. Reference has previously been made to the sub-surface drainage. Between 792 and 796 the sub-grade was found to be so muddy when the grading was done that the contractor was ordered back to cut below sub-grade with the intentions of hauling rock from the cut at 740 for backfill. On June 29 the shovel reaching a soft spot settled to a depth equal to its height. With the use of another shovel and three tractors it was extricated late in the afternoon of June 30.

Laying the crushed stone surfacing commenced on June 20, 1933. Brown inspecting spreading stone and sub-grading. Howell weighing stone.

The quality of the work performed has been good. The materials have all been tested.

The project is 66 per cent completed and 71 per cent of the contract time has been consumed.

There are five pipe headwalls yet to be built. The Mingus Creek bridge is well on the way to completion. The slab on the south span is to be poured and the two parapet walls are about half finished.

An average of ninety-six men were employed on the project during the month.

320 Cooperating governmental agencies:

Roy G. Pierce, Bureau of Plant Industry, Washington, D. C., in charge of Blister Rust Control for the Southern States was in the park several days to assist a Blister Rust Foreman, detached service, ECW, in getting the proper start. Mr. Pierce reported that he believed our white pine was safe from blister rust owing to the distance separating white pine and ribes. However the investigation will be continued until the entire park has been covered.

400 Flora, fauna and natural phenomena

410 Ranger service

During the month Rangers Wogensen and Needham devoted their time almost exclusively to Emergency Conservation Work. Equipment arrived daily at Bryson City for camps Nos. 4, 5 and 9 and was distributed.

On June 19th some 8,000 rainbow trout fry were brought from the Balsam Hatchery and were placed in rearing pools on the Preacher Hall place on Big Cataloochee Creek. Mr. Tom Alexander who has this place under lease from the State Park Commission, is taking care of these fish.

Most of Ranger Dunn's time during the month has been spent in connection with ECW.

480 Natural phenomena

Outstanding plants blooming in June were: Flame Azeala, Purple Rhododendron, Bleeding Heart, Hobble Bush, Mountain Laurel, Great Laurel, Trilliums (several varieties), Southern Black Haw, Jack-in-the-pulpit, Dog Hobble, Sweet Shrub, Wild Columbine, Wild Geranium, Allegheny Myrtle, Frasers Magnolia, Yellowwood Tree, Yellow Ragwort, Stuartii, Field Daisy, Spiderworts, Beard Tongue, Queen Anne's Lace, Catalpa Tree, Blueberry, Huckleberry, Raspberry, Indian Pink, Willow Amsonia, Succoon Yellow, Blacksnake-Root Bugbane, Butterfly Weed, Goats Beard.

600 Protection

610 Police protection

On the 10th day of June a warrant was issued for the arrest of one, John Huskey, Gatlinburg, Tennessee for catching more than the daily bag limit of trout while fishing on the Oconaluftee Drainage near Newfound Gap. As yet he has not been apprehended.

Two CCC boys, Jesse Saunders and Fred Gray both of High Point, North Carolina were found fishing on closed waters of Forney Creek, June 27, 1933. The case was turned over to Captain Venable of Camp No. 9, Forney Creek, for such disposition as he sees best fit. It is contemplated that a pay deduction will be made on the boys as soon as the Captain can obtain proper authority from Fort Oglethorpe to do so.

On June 28th, one, W. F. Weeks, a prominent Bryson City citizen, was apprehended while fishing on Forney Creek in the park. He had 48 trout in possession, of which 32 were undersized. He was found guilty on three counts: fishing on a closed stream, exceeding the bag limit, and possession of undersized fish, and was bound over for Federal Court trial on a $200.00 bond.

Stewart Ramsey destroyed several tubs of beer in the Cosby section during the month.

The following men were before Commissioner Allen during the month:

Name	Date	Address	Charge	Penalty
C. E. Troutman	June 9	LaFollette, Tenn.	Retaining small fish	$10.00 & cost
Roy Trentham	" 9	Elkmont, Tenn.	Fishing closed streams	5.00 " "
Ash Cogdill	" 9	" "	Retaining small fish	*

This case was held open, since Cogdill has not as yet paid a fine which was placed on him by the Commissioner last month for the same offense. Cogdill's first fine will be due on July 15, at which time the Commissioner will dispose of the second case.

620 Fire protection

Due to extremely dry weather a man was placed on duty on the Barnett Knob lookout tower during the latter part of the week of June 19th. A local man of the enrolled quota was used as a temporary expedient in place of the regular salaried lookout man who is off duty at this season of the year.

On the 29th of June we had a small class "A" fire on lower Deep Creek in the park on a dry pine ridge. Park leaseholders in the vicinity turned out to a man and the fire was completely extinguished within a few hours and no cost was incurred. This is the first fire in this area since a year ago when we had an exceptionally bad run of incendiary fires in this district.

We had one fire during the month on the Morton Butler tract, which burned over an area of 128.8 acres land on the west end of the park within park boundary, on private lands.

Sixty men were used on this fire most of which were CCC boys from the Laurel Creek Camp. The cost to the Park Service on this fire was $99.40.

900 Miscellaneous

The initial Wild Flower Festival of East Tennessee and Western North Carolina was held in Knoxville June 5-10, 1933. The motive of the Festival was to create interest, promote appreciation and preservation of the wild flowers, of the Great Smoky Mountains National Park.

A splendid spirit of cooperation was shown between the twenty-six towns and the local organizations of Knoxville which participated in the Festival. The Festival committee had hoped for twenty-five floats and there were seventy entrants.

The Gatlinburg float was a replica of a part of the National Park, decorated entirely with shrubs and flowers from the mountains which were taken up scientifically and transplanted. Chosen for the princess by the people of Gatlinburg, was Mrs. Charlee Dunn, wife of Assistant Chief Ranger Dunn.

With the interest of the world focused upon the Cove Creek Dam project, the people of East Tennessee and Western North Carolina feel that time will prove the Great Smoky Mountain National Park the greatest asset, not only of this section but of the Southeastern United States.

Old Timers day was held at Gatlinburg on June 24. Of special interest was the "bog rifle" contest, as this old fashioned, muzzle loading rifle is called locally.

George Mesa, friend of the late Horace Kephart, member of the North Carolina Nomenclature Committee, park enthusiast, and expert photographer, died of tuberculosis at Asheville, North Carolina, June 21. His remains were interred at Asheville on June 23. Unfortunately I did not learn of his death until the day of his burial and could not therefore attend the

services as a representative of the Park Service.

Mr. Masa, a Japanese, was a resident of Asheville for many years. His correct name was Masahara Iuzuka.

Reports of park revenues, personnel and authorized projects are attached.

Vary truly yours,

J. R. Eakin,
Superintendent.

Incl.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of June, 1933.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
831 Lookout tower	$1,000	100%	0	0	Oct. 15, 1933.
Roads & Trails, Gen. Const.					
501 Trail construction	19,250	100%	0	7	May 25, 1933
502 Roadside cleanup	10,000	100%	0	0	Apr. 2[illegible], 1933
503 Smokemont mill cleanup	3,000	100%	0	5	[illegible] 6, 1933
Roads & Trails, Nat'l. Funds					
181 Boundary Tree-Smokemont	85,000	66%	10.0	10.4	Sept.10, 1933

(May, 1931)

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of June, 1933.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	6	5	5	35
Number of additions	0	40	0	22
Total	6	45	5	57
Number of separations	0	40	0	56
Number of employees close of month	6	5	5	1
Number of promotions during month	0		0	
Aggregate amount of annual leave taken	0	0	0	0
Aggregate amount of sick leave taken	0	0	0	0
Aggregate amount of leave without pay	0	0	0	0

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great [illegible] National Park for the Month of June, 19[illegible]3.

	This Year	Last Year
Park revenue on hand beginning of month,	[illegible]00	[illegible]0
Received,	82 00	[illegible]
Total,	82 00	[illegible] 0
Remitted,	60 00	[illegible]
On hand close of month,	[illegible]2 [illegible]	[illegible]0

Park revenues received this year to date, ... 3 [illegible]

Park revenues received last year to date, ... 3 [illegible]

Increase, ... [illegible]

Per cent of increase, ... [illegible]

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO.

JULY 1933
MONTHLY REPORT

by

J. R. Eakin, Superintendent.

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 0—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE
August 9, 1933

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of July:

000 General

010 Matters of importance

Some general comment on ECW may be of interest.

Now that the CCC boys are muscle hardened, have learned the use of certain tools and have responded to the leadership of our exceptionally fine supervisory force, I am really amazed at the amount of work they are turning out. Several foremen have informed me that their crews are the equal of any crews they ever bossed. We are actually getting things done, and in a big way. Possibly we were lucky in the class of enrolled men assigned to this park. It has taken the boys longer to learn the use of the axe and crosscut saw than other hand tools. A number of the boys have cut themselves with axes, but none seriously. They will be proficient with an axe, too, before long.

Camp No. 3, (Middle Prong) was moved in over a logging railroad. Construction of a motor way to connect the camp with the highway system was started at the camp. The Little River Lumber Company loaned the park, rental free, 1 steam shovel, 1 steam loader, 1 steam compressor, 1 side dump car and one steam locomotive, the latter to spot the equipment. We informed the Army we would build the road in 2 months. The Army replied "not a chance". In 48 days, total time, not working days, the road was broken through. Without the above equipment it would have taken about two years to build the motor way, and installation of the camp at the center of the work could not have been justified.

We were getting behind our estimated time for construction of the motor way at Big Creek, Camp No. 7. The North Carolina Highway Commission loaned the park, rental free, 1 compressor and paid the two men operating it for more than 3 weeks. This road will be completed on schedule. North Carolina rebuilt the road from the Tennessee Line to Mt. Sterling, 1-1/2 miles to make No. 7 accessible.

Cocke County (Tennessee) keeps the spur road to Camp No. 6 graded up in good shape. Sevier County(Tennessee) is building a new road from Pittman Center to the park line and will surface it with crushed rock. The present road is impassable during the late fall, winter, and early spring. Without improvement of this road, Camp No. 8 might have to be supplied by wagons in November.

The Forney Creek motor way to the permanent camp site of No. 9 was broken through on July 14, two weeks ahead of schedule.

On July 5 authority was received to bring all companies up to 200 men enrolled by enrolling local men. We got busy at once but owing to conflicting orders from Fort Oglethorpe the last man was not enrolled until late in the night of July 15. The Army proposed to bring companies up to 200 partly by transferring men from over strength companies. Thanks to the help of the Service, this was successfully opposed. One Camp Commander was not authorized to bring his company up to strength hence on July 16 his company strength was 194 instead of 200. As we had men standing by for enrollment we believe enrollment for this camp will be reopened.

During the above period the men enrolled at the various camps follow:

Camp No.	No. Enrolled
2	16
4	7
5	8
7	9
8	14
9	49

With the exception of Camp No. 7 which did not receive authorization for enrollment as stated above, the other camps were over strength.

The Army has one man from each camp at Fort Oglethorpe, they being at the camps on paper, only. Director Fechner has protested this action.

The first fatal accident in our 9 camps occurred on July 17, when Will Fancher, an enrolled local man, was fatally injured by a blast. He was 600 feet from a small shot, around the bend of the creek, and behind a rock, but in some unaccountable manner he was struck by a rock fragment. The members of his camp attended the funeral in a body. The Camp Superintendent and Camp Commander both state the accident was unavoidable.

Mr. G. A. Schulze, Technical Forester, Detached Service, ECW, gave the first talk in connection with our educational program for CCC at Sugarlands Camp No. 2 on the evening of July 31. If rapt attention of the enrolled men is any criterion, the talk was interesting and went over. Mr. Schulze's subject was "Trees", and a popular, rather than a technical discussion was made.

020 General weather conditions

We have had considerable rain this month. Streams are back to normal.

Reports of observers at Elkmont and Smokemont, points in the Tennessee and North Carolina sections of the park, respectively, follow:

	Elkmont		Smokemont	
Mean maximum	72		84	
" minimum	60		59	
Maximum	83	July 2	90	July 3 & 23
Minimum	49	" 6	42	" 6
Greatest daily range	27	" 7	41	" 6
No. days clear	6		16	
No. days cloudy	3		10	
No. days partly cloudy	22		5	

Precipitation

Total	5.04"		6.11"	
No. rainy days (.01" or more)	9		15	
Greatest rain in 24 hrs.	1.42"	July 14	1.35"	July 23

100 Administrative

120 Park inspections by:

121 Superintendent

ECW activities required almost my entire time during the month. I looked over the work at each of our 9 camps at least twice. Several camps where trouble spots - nothing serious - had developed were visited frequently. Now that the work is thoroughly organized and has become routine, I have become the "trouble shooter".

122 Special field representative of National Park Service

Earl A. Trager, Assistant Branch of Education and Mrs. Trager and children July 12 - 16.

Chas. E. Peterson, Chief, Eastern Division Branch of Plans and Design, July 16 - 19.

125 Other governmental agencies

A. P. Miller, Sanitary Engineer, U. S. Public Health Service, July 29 - 31.

Major General Edward L. King, Commanding Officer, Fourth Corps Area.

Colonel Gordon Johnston, Commanding Officer, District "C" Fourth Corps Area. These officers were in the park July 11th.

127 Other agencies

Roy J. Morton, State Sanitary Engineer for Tennessee was in the park July 29 - 31.

David L. Lilienthal, Member of the Tennessee Valley Authority was in the park on July 16 and I had a fine contact with him. As the entire park is on the Tennessee River Drainage, the Tennessee Valley Authority Act provides, among other things, reforestation for the park.

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
42/3406	$ 106.00	9,975.30	624.40
42/3420	239.00	22,291.56*	1,608.44
43/4406	71.00	229.50	6,870.50
43/4420	5.00	.00	500.00
44420	165.30	11,635.47	5,194.53
43436.1	340.00	32,592.70	1,407.30
4x436	850.00	47,730.60	37,269.40
E. C. F.	612.00	34,549.09	26,650.91

* $249.37 of this sum spent for fighting forest fires.

170 Plans, maps and surveys

PROGRESS ON ROUTE 1-A

A traverse of the present road commencing at Newfound Gap to station 235 + 61 at the park boundary near Gatlinburg, a distance of 15 miles. This survey was made in three sections as follows:

00 to 273 + 75 = 5 + 23 of P2 line
5 + 23 to 237 + 12 = 00 of P1 line
00 to 285 + 61 = Park boundary line near Gatlinburg

This latter section crosses Little Pigeon River about station 148 and from this point the line follows along the present road to station 285 + 61. From the above station 148 another traverse is being made following along the river without crossing it. This alternate route will be about 1-1/4 miles and the transit line will be completed on August 1.

Levels were completed on the circuit from Newfound Gap to the temporary bench mark of the U. S. G. S. located on the abutment of Little Pigeon River bridge above the Indian Gap Hotel that were in progress when the report for June was made. On the return to Newfound Gap our error in closing was 0.33 foot for a distance of 18 miles.

The topography should be completed by the middle of the coming week except on the alternate line from station 148.

The location on eight miles of the above has been projected on the topographical sheets. One and a quarter miles has been located in the field.

The above excerpt was taken from the July report of Colonel W. I. Lee, Resident Engineer, U. S. Bureau of Public Roads.

200 Maintenance, Improvements and New Construction

240 Improvement of approaches to park

Surfacing of the Boundary Tree-Cherokee project was completed during the month.

Oiling of the Robbinsville-Deals Gap (North Carolina) project has been approved. This will eliminate 25 miles of very dusty road.

Satisfactory progress was made on the Delwood-Soco Gap (North Carolina) project.

Sevier County (Tennessee) made little progress on the Pittman Center-Park Line project during the month.

North Carolina highway engineers are relocating the road from Dellwood to Cove Creek Gap. This appears to be the first step toward modernizing the Waynesville-Cataloochee Creek road.

260 Landscape work

The following excerpt was taken from the July report of

Assistant Landscape Architect V. Roswell Ludgate:

Assistant Landscape Architect V. R. Ludgate submits the following report on work of the Eastern Division, Branch of Plans and Design in the Great Smoky Mountains National Park for the month of July, 1933:

Mr. Ludgate was engaged in the following landscape activities during the month:

EMERGENCY CONSERVATION WORK

General supervision of landscape details in nine E. C. W. camps including the work of detached landscape architects Wilhelm and Frincke together with eight landscape foremen and two planting foremen.

Assist Superintendent Eakin in preparation of E. C. W. reports.

Review and criticism of Mr. Wilhelm's trail bridge design.

BUREAU OF PUBLIC ROADS

Field review and report on three miles of the Newfound Gap-Clingman's Dome road survey, Project 2-A-1.

Review of grading plan for Forney Ridge parking area prepared by Mr. Frincke for above project.

Review of preliminary studies for five miles of the Tennessee-Newfound Gap road relocation.

Examination of cross sections and assistance in preparation of grading studies by Mr. Frincke on above project.

Landscape supervision of Towstring-boundary Tree project.

Review of Tennessee-Newfound Gap road for investigation of parking areas at trail take offs. Further studies to be made by Mr. Frincke.

GENERAL DEVELOPMENT

Field study of proposed Sugarland campground area.

Field study of administrative headquarters area.

Miscellaneous

Attendance and short talk at meeting of Garden Clubs, Knoxville City officials, and Tennessee State Highway officers at Knoxville.

GENERAL

Evidence is prominent in all E. C. W. camps of the change of attitude of the men and the general settling down to business and getting results. Heavy rains and leaky tents afforded some discomforts to the youngsters not inured to the hardships of camp life, but these conditions did not prevail for long, and with the advent of wooden mess halls and other semi-permanent structures a state of general contentment has been reached.

Landscape Foreman Malcolm Bird is continuing his location of roads into Camp No. 1 and efforts of almost the entire camp personnel are bent toward putting these roads into travelable condition. A small trail crew under George Dunn is making good progress. It was found that a large number of poles would be necessary for various types of camp construction, and Mr. Bird was detailed to the task of getting them from the surrounding timber. Handling the entire proposition as an improvement cutting, he has achieved some nice results.

Landscape Foreman Pease has been detailed in charge of construction on the Alum Cave foot trail. This is one of the most popular short hikes from the Newfound Gap road and has possibilities for spectacular development. Propositions to place the entire alignment on a 20% maximum grade were objected to by Mr. Ludgate as this would have precluded the use of stone steps in several places on the location. The stone steps have been approved. Mr. Pease is also making a study for the development of a small picnic area at Grassy Patch, the take off point for the trail. Other trails from this camp are progressing so rapidly that stub camps will probably be instituted during the month of August.

Activities of almost the entire personnel in Camp No. 3 are still being concentrated on the road into camp. No landscape foreman has been assigned to this camp.

Trail construction from Camp No. 4 has progressed to such an extent that only by beginning a new trail have the crews been kept from being "the nomads of the Smokies". They had worked themselves so far from camp that practically the entire day was taken up in travelling. Arrangements are being made so that these crews, when they complete the connecting trails, will be located in spur camps on the tops of the ridges. Landscape Foreman McCammon and Planting Foreman Farrel are continuing their work on roadside improvement and have a representative sample of the completed work. Members of the Knoxville Garden Club who viewed this work wrote Mr. Ludgate, "it makes us very, very happy to learn that the Park is in such good hands". Several tree wells have been completed, a photograph of one being attached.

The arrival of wheelbarrows at Camp No. 5 has enabled Landscape

Foreman Harris to "go to town" with the improvements on the highway. Two and two tenths miles have been partielly completed and with 150 men working on the slopes are putting on a finish that far surpasses the results expected by some of the more dubious regarding what a CCC boy could do in the line of beautification. Planting Foreman Elliott, in charge of clearing, has worked himself far in advance of the other operations and will soon be "topping out" at Newfound Gap.

Work in Camp No. 6 has been confined mostly to two motor roads and to the improvement of the main road into camp. A trail to Low Gap has been staked by Landscape Foreman Frost and Engineering Foreman Arthur, and one and one-half miles completed.

At Camp No. 7, Big Creek, the "Big Drive" is on to complete the construction of the motorway into the permanent camp site at Walnut Bottoms. Every available man is working on the road cutting through rock ledges and other sections of difficult construction. Landscape Foreman Wedge has been spreading his efforts in all departments, making a special endeavor to secure some well constructed retaining walls in the many places they are needed along the creek. Mr. Ludgate's criticism of previous efforts along these lines was decidedly unfavorable and it is hoped that a marked improvement will be noticed on his next inspection. This motorway promises to be one of the most picturesque in the park.

Landscape Foreman Leeson at Camp No. 8 has completed the location of the Pinnacle trail, and is now located in one of the stub camps on construction. He is breaking in one of the CCC boys to leave in charge as foreman whenever it may become necessary for him to inspect other construction details being carried on from the camp.

The bridge builders and road builders in Camp No. 9 have, by concentrated effort, been able to have the road to the permanent camp site ready one day in advance of the time it was promised to the army. Three bridges are passable and three are under construction. The road to High Rock along Bear Creek has been built past the new construction and is now following the old railroad grade. Landscape Foreman Swope is applying his efforts to preparing the camp site for building operations and finishing the banks on the old Forney Creek road.

300 Activities of other agencies in the park

316 Existing contracts

The following excerpt was taken from the July report of Colonel W. I. Lee, Resident Engineer, U. S. Bureau of Public Roads:

ROUTE 1-B PROJECT 1-B-1

Description of the Project: Tom String to Boundary Tree, 3.97 miles, 30 feet graded roadbed, 20 feet by six inches crushed stone traffic bound surfacing.

Reference was made in the previous report to the extraordinary wet condition found in the sub-grade station 792 to 796. This mud was finally taken out and backfilled with stone hauled from rock cut at station 740.

Laying the crushed stone surfacing continued during the month on the first course. Some of the stone was laid on a soft sub-grade. This had to be dug out and replaced.

The quality of the work performed has been good. The materials have all been tested.

The project is 73 per cent completed and 82 per cent of the contract time has been consumed.

All masonry structures have been completed.

An average of 161 men were employed on the project during the month.

340 Legislation affecting the park

It has been reported that the North Carolina Legislature at its last session dismissed the members of the North Carolina Park Commission. On July 18 the Governor appointed the following new members:

Will W. Neal, Marion, North Carolina, Chairman
Thos. W. Raoul, Asheville, North Carolina
C. A. Cannon, Concord, North Carolina
Foster Hawkins, Lexington, North Carolina.

The Asheville Citizen (morning paper) stated the personnel of the Commission was a deep disappointment to friends of the park. 3 of the 4 Commissioners have never shown the slightest interest in the park.

400 Flora, fauna, and natural phenomena

410 Ranger service

Rangers of the park devoted their time almost exclusively to ECW matters during the month. During the first half of the month they were

engaged in making replacements of local men to bring the several companies up to authorized strength prior to July 15.

430 Natural phenomena

The more prominent blooming plants during the month were: Allegheny Myrtle, Azeala, Aconite, American Turk's Cap, Beard Tongue, Blackenakeroot Bugbane, Butterfly Weed, Black-eyed Susan, Bee Balm, Bluets, Coile Root, Cardinal Flower, Dutchman's Pipe, Field Daisy, Flowering Raspberry, Flowering Wintergreen, Great Laurel, Galax, Indian Pink, Indigo, Joe-pye Weed, Mountain Mints, several varieties, Ox-eye Daisy, Partridge Berry, Passion Flower, Purple-fringed Orchis, Phloxes, several varieties, Queen Anne's Lace, Rhododendron, Spiderworts, Sourwood, Stewartia, Stargrass, Trumpet Creeper, Wild Asters, Wild Lilies, Wild Morning Glory, Yellow-fringed Orchis.

500 Use of Park Facilities by the Public

510 Increase or decrease in travel

ECW activities with limited park appropriations have not permitted occasional traffic counts as was done last year. Based upon house counts of various hotels and camps, travel was slightly in excess of that for July 1932. Organized travel was less and unorganized travel was greater. The opinion prevails here that most of the organized travel that came to the park last year is now going to the Century of Progress, Chicago.

The only organized party of consequence in the park during the month was a party of 61 conducted by Robert C. Buzzard, Professor of Geography, Illinois State Normal University.

530 Visitors

Mr. John C. Judson, Meehington, Pennsylvania, friend of Ex-Congressman Temple, made an extensive saddle horse tour of the park. He was accompanied by Mrs. Judson and daughter.

600 Protection

610 Police protection

On July 25, Jack Calhoun, age 38, Deputy State Game Warden, sole park leaseholder on the Twentymile District and temporary National Park Service Fire Guard, was shot and fatally wounded near his home in the park by his son Frank, aged 15. He was taken by friends to the Howard Henderson Hospital in Knoxville where he died early the following morning. Burial was in the Wayside cemetery.

The boy, Frank, is said to have admitted shooting his father with a .32 hammerless Smith & Wesson revolver because the father, according to the boy, was mistreating him and his mother. The father bought the pistol and presented it to his son a short while ago.

The only witness of the tragedy was the boy's mother. Officers say that she and the boy relate practically the same story of the shooting. They say Jack told his son to go up the road and look after the stock. Frank who had never been well or strong demurred but went on. His father followed him and kicked him. The mother ran up the road to look after the boy and the elder Calhoun is alleged to have grabbed her by the hair and pulled her down. She states that Frank rolled over on the ground, pulled out his revolver and fired.

The local County Grand Jury considered this case immediately and returned a true bill charging the boy with murder. He will be tried this week in the local court.

On July 11, 1933, one, John Huskey of Gatlinburg, Tennessee, was tried before the U. S. Commissioner at Bryson City, North Carolina on three counts: 1st, fishing on a closed stream (Deep Creek), 2nd, fishing without a license, 3rd, exceeding the bag limit. He was found guilty on all three charges and was bound over on a $300.00 bond for Federal Court trial next November.

Huskey had 137 trout in possession at one time. It seems that fishing must be pretty good in Deep Creek in that he caught this batch in less than four hours.

On July 11, 1933, Lee J. Williamson, formerly a park resident of Smokemont, North Carolina was tried in Commissioner's court as an accomplice in the Huskey fishing escapade, it came out in the Huskey trial that Williamson had aided and abetted the above individual, instructed him as to where and when to fish, received fish from Huskey in payment for taxi services, had in possession and transported trout in excess of the bag limit, and aided in sale and disposal of these fish in the park. Williamson was bound over for November term of Federal Court on a $300.00 bond.

During the month of June, 1933 two CCC boys at Camp No. 9, Forney Creek were found fishing on closed waters of Forney Creek during lunch hour. They were turned over to the commanding officer in charge of the camp and a $3.00 pay roll deduction has been made on each of them.

R. H. Mull, bridge foreman, and A. D. Fox, a CCC boy, both of Camp No. 9, Forney Creek, together with two other individuals were tried in Superior Court, Bryson City, North Carolina on July 25, 1933. They had been picked up by local officers on a public highway a few weeks previous to this and were charged with possession of liquor. They were

all found guilty and were fined $20.00 costs each.

On July 27, 1933, Ira Bradley and Seymore Lambert, both living on the Cherokee Indian Reservation, were tried in Superior Court for stealing windows from a house in the park near the mouth of Towstring Creek on February 7, 1933. They were found guilty and were adjudged to pay all court costs of the case which amounted to $59.00.

James Lambert, a park resident living on Lambert Branch was arrested July 23, 1933 on a public drunkenness charge. He was tried and given a 6 month sentence, the sentence being suspended for a probationary period of two years. In addition to this he was adjudged to pay $20.00 court costs.

Two other park cases in this court were continued until the next Superior Court term.

The following men were tried before U. S. Commissioner Allen of Sevierville, Tennessee, during the month:

Name	Date	Address	Charge	Penalty
Sam Glen	July 8	New Market, Tenn.	Taking Shrubbery	$5.00 & cost ($9.40)

Two other men of Pigeon Forge, Tennessee, were tried for fishing at night and fined $5.00 and cost, which amounted to $9.40 each.

620 Fire protection

We had one fire on the outside, near Sunshine, on July 7, which burned over approximately 5 acres. J. B. Light and myself, together with 12 of the Tremont CCC boys suppressed the fire. The fire started from a burning building. This fire was outside the park boundary and did not endanger park lands and as no cost for fire fighters or other expense was incurred, the fire is considered non reportable.

900 Miscellaneous

Mr. Frank Miller, Waynesville, North Carolina, great friend of the park and a personal friend of mine was appointed as a member of the North Carolina Highway Commission. Almost the first official act of Mr. Miller was to call at park headquarters and inquire how he could help the park.

The many friends of Colonel David C. Chapman will be glad to learn that Camp No. 8, Greenbrier, has been officially named "Camp David C. Chapman".

State Game Warden Heddon, Tennessee, has made a ruling that

regularily enrolled men in CCC camps, not residents of Tennessee, are not required to purchase non-resident fishing licenses. So far as I can determine all CCC men in Tennessee camps are Tennesseeans.

Reports of park revenues, personnel and authorized projects are attached.

Very truly yours,

J. R. Eakin,
Superintendent.

Incl.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of July, 1933.

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Roads & Trails, Nat'l. Parks				
1B1 Boundary Tree-Smokemont $85,000	73%	7	16.6	Sept. 19, 1933.

(May, 1931)

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of July, 1933.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	5	5	6	5
Number of additions.	0	1	0	23
Total	6	6	6	28
Number of separations.	1	0	0	23
Number of employees close of month.	5	6	6	5
Number of promotions during month.	0		0	
Aggregate amount of annual leave taken	1		0	
Aggregate amount of sick leave taken	3		0	
Aggregate amount of leave without pay	0		0	

A. K. Wogensen, 3 days, sick
J. F. Needham, 1 " annual

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of July, 1933.

	This Year	Last Year
Park revenue on hand beginning of month, ...	22.00	00
Received, ...	496.84	32 00
Total, ...	518.84	32 00
Remitted, ...	518.84	32 00
On hand close of month, ...	00	00

Park revenues received this year to date, ...	4 356 18
Park revenues received last year to date, ...	3 654 55
Increase, ...	701 63
Per cent of increase, ...	19%

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO.

AUGUST 1933
MONTHLY REPORT

by

J. R. Eakin, Superintendent.

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 0—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE

Office of National Parks,
Buildings & Reservations

September 13, 1933

The Director,
Office of Nat'l Parks, Buildings & Reservations,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of August:

000 General

010 ECW Activities

Considering that construction of mess and kitchen, latrine and bath was under way in all camps during the greater part of the month a better record was made than in previous months in the per cent of men turned over to the park for field work. I have observed that such construction requires an undue amount of labor when done under Army officers. For that reason I suggested that all construction be turned over to the Camp Superintendent who would assign his best foremen to the work, rush the jobs through, and put all men to work in the field as soon as possible. Camp Commanders want to personally superintend this work. There is much lost motion and men are in each other's way. If there were some way by which the excess of labor required in camp construction under the Camp Commander over the labor that would be required if this work was done by park supervisory forces could be figured, I am sure the figure would be surprising.

The morale and efficiency of enrolled men continued to improve.

Director Fechner's order that emergency leave of enrolled men must be limited to 1-1/4 working days per month was interpreted by the Fourth Corps Area to mean that all enrolled men had earned accrued leave of 1-1/4 working days per month since enrollment. The Army proposed to grant leave (not emergency leave) for the four days following Labor Day which meant shutting down all camps. I protested this decision by wire to the Director. The War Department wired instructions to Fourth Corps Area that accrued leave could not be granted. Fourth Corps Area gave me credit for blocking accrued leave as a privilege and are very resentful toward me. If I deserve credit for this I will gladly accept it.

Following is a narrative report by Associate Engineer White on ECW activities in the park:

Camp No. 1, Laurel Creek:

One of the most remotely situated, this camp has had to pay special

attention to the road leading into the location from Dry Valley. Inasmuch as part of this road is outside the Park Boundary it was thought inadvisable to make any changes in location. There are some steep grades but the draining and surfacing has been carried out so that no difficulty is experienced in traveling the five and one-half miles to the camp site. There were originally over fifteen fords on the old road along Laurel Creek and in places it followed the bed of the stream. The construction of several bridges and some relocation have placed it entirely out of the water.

Superintendent Paxton has been able to take some of his men from the improving of this entrance road and has started work on a new approach to the Bote Mountain road and also some relocation towards Cades Cove.

In addition to road work the forces from this camp have been engaged in Forest Improvement and Trail Construction. The trail towards White Oak Sinks is progressing nicely and a spur camp has been established to push a trail from Cold Spring Gap to the site of the fire tower on Scott Mountain.

Lieutenant Devereaux is now Commanding Officer.

Camp No. 2, Sugarlands:

Much dead chestnut has been cut by the men from this camp, a large part of the timber being used in the repair of bridges on the Little River Road above Elkmont.

The roads up Little River and also towards Cherokee Orchard have been greatly improved by removal of rocks, draining, and surfacing.

A spur camp has been established on top of Mt. LeConte for the maintenance of existing trails and the construction of the upper end of the Bull Head trail. Another crew is working on the lower end of this trail and two more crews are engaged on a trail along the Sugarland Mountain and one to the site of the Fire Tower on Blanket Mountain.

A bridge on the Line Springs road failed, and as this is dangerous fire territory, Superintendent Holt sent his men down for the repair work, which consisted of replacing the trusses.

A change was made in Camp Commanders, Captain Herren now being in charge for the Army.

Camp No. 3, Middle Prong:

The three miles of new motorway between Walkers Valley and Tremont is open and access can now be had to the camp site by automobile. Superintendent Tipton and his men have done a large amount of very fine work on this project. The cooperation of the Little River Lumber Company in loaning heavy equipment was invaluable. At one time this equipment consisted of two Shay Engines, one twenty yard side-dump car, one steam loader, one steam shovel, one steam air compressor, and a small tractor.

In addition to the road work which required the majority of the men from camp, one trail crew has been operating and some cleanup has been accomplished along the road and stream.

It is learned with much regret that Captain Moore is to be transferred from this camp on September 18th.

A near fatality occured on August 31st. One of the Foremen, now on ECW, Mr. W. R. Ramsey, with Lieutenant Latimer as passenger, was delivering 400 electric exploders to camp, in one of the pick-up trucks belonging to the Park. About one mile above Tremont they met an Army Dodge truck (1-1/2 ton) coming from camp. From all reports the Army truck was traveling at an excessive rate of speed, and although its wheels were skidded for twenty feet, failed to stop. The ensuing collision practically demolished the lighter truck and Lieutenant Latimer and Mr. Ramsey were cut and bruised superficially. Fortunately the electric exploders remained intact.

Camp No. 4 & 5, Smokemont & Kephart Prong:

These camps are located within four miles of each other and are engaged in practically the same kind of work.

Men from both camps are beautifying the State Highway from Towstring Creek to Newfound Gap and a remarkable improvement is evident along that section which has been landscaped. Dead and down timber is also being removed from the roadside.

From Camp No. 4, men have improved two miles of motorway up the Towstring Creek. Superintendent Montony says, ... "At present we are engaged in grading a new section of road up Bradley Fork in order that some of the bridges will be eliminated. This will require about a mile of new grade but will eliminate five bridges and all crossings on Bradley Fork. This seven miles (five of which is completed) is considered a very important road, in that this section of country is blind to the Fire Station on Barnetts Knob. ... The Indian settlement on Big Cove, of the Ravensford, constitutes quite a fire hazard to the section in question.

".....Fourteen and one-half miles of trail have been completed.

".....Camp improvements and construction are progressing nicely. The kitchen and mess hall are just about completed. The light plant is in operation and the water system installed. The morale of the camp is good".

Superintendent Roeser at No. 5 says "...Morale of men is good. Relations between Army and Park Service are good. No unusual incidents have taken place."

Camp No. 6, Cosby:

The following is taken from Superintendent Castle's report for the period;

"In spite of much inclement weather you will please note that we have placed men in the field at every opportunity, notwithstanding the fact that cleanup work is being carried on at considerable elevation, and trail work toward Low Gap is 2-1/2 miles removed.

"Through the cooperation of the Army the men in the field at dinner time are being supplied with hot food identical with that served in camp at that time....

"Loss of men from work due to illness is practically nil, and due to lack of shoes remedied. The morale is splendid, all sleeping quarters now dry, and the food fair.

"On Low Gap road new construction is complete and the section leading from Highway 75 to camp made ready for the County equipment, which is promised for today. Metal culvert has been placed where essential.

"The approach to the Mt. Guyot trail (Short Route), constituting 4934 lineal feet of new road construction is passable and 80% complete running congruently with our hitherto private camp road.

"Our work road (Benson Road), 1-1/2 miles complete for some time, offers access for cleanup work to the western face of state line mountains to White Rock and will make a circuit back to #75.

"Low Gap trail is going out of tough construction next week and will be complete during October, barring inclement weather and excessive dead timber removal.

"Guyot trail is located to the head of the right fork of Rock Creek, which means that the passage through the saddle on Snake Den Mountain, close to the State Line is provided for.

"The low trail up Crying Creek has been either "walked out" or plotted entirely through Messer Gap, Sugar Cove across to the county line.

"Under the direction of Mr. Ramsey, eight miles of fire trail has been brushed out and made usable by our enrolled men, giving access to State line mountain slopes east and west of camp.

"To date the cleanup crews have disposed of slightly over 11,000 cords of chestnut covering an area of approximately 341 acres. A considerable portion of Rocky Face Mountain has been cleaned. A strip several hundred feet wide has been cleaned along the Low Gap trail and a third large strip has been cleaned to the west of camp".

Camp No. 7, Big Creek:

Superintendent Woodbury had his watermelon feed about August 18th, which

means that construction of the road up Big Creek reached Walnut Bottoms prior to that date. Work on this motorway is still necessary as it was roughed out and much remains to be done in the way of cleanup, drainage, surface, etc.

The completion of grading, however, has released men for work on trails which were abandoned in favor of the road work. A spur camp will be established for the trail from Mt. Sterling Gap serving the tower site. The Mt. Sterling Ridge and White Rock Trails have also been resumed.

Movement of this camp to Walnut Bottoms has been abandoned in favor of winter quarters at Crestmont, the present site, This will probably necessitate a large spur camp at Walnut Bottoms.

Captain Seifert was replaced by Lieutenant Kozewski as Camp Commander. Captain Seifert has proven himself an excellent commander and his loss is regretted. From all indications his successor is also competent.

Camp No. 8, Greenbrier:

Superintendent Frierson reports that his work has been hampered by many rains.

The road from the Park Boundary to Greenbrier is fast becoming an all-weather road. It is quite a new experience to negotiate the three and one-half miles in high gear.

In addition to road work, a spur camp was established at the mouth of the Ramsey Prong for construction of the trail to Pinnacle Mountain, The spur camp on the Brushy Trail will be resumed; one crew is working on a trail across to Copeland Creek; the bridge at the forks of the river has been rebuilt; and another bridge started across the left fork.

Both Lieutenant Neal and Superintendent Frierson are worried over the plan to move No. 8 to No. 2 for the winter. This is an Army order and appears final. It is sincerely hoped the move will not be made at least until the end of the present enrollment period. If the county road is built into Emerts Cove it does not seem necessary to move this camp at all.

Camp No. 9, Forney Creek:

Regarding the activities in this camp, Superintendent Creear is quoted as follows:

"Of the six miles of motor road built since the camp was established nearly all was constructed on the basis of a nine foot roadbed, but during the last month we have put considerable labor into widening it to a twelve foot width and drilling the rock in the ditch line preparatory to better drainage for the winter months.

"About 25% of the labor has been employed in building bridges on the Forney Creek and Bear Creek roads. To date we have completed 15 of these

wooden bridges with a total length, including abutments of 1060 feet. They have been constructed of dead chestnut which has been killed by the blight but which is still sound and will, I estimate, last from 12 to 15 years. This timber had to be selected and has been difficult to transport to the bridge sites, owing to the rough ground the the distance it had to be brought. It was skidded in by teams and in many instances it was hauled in this way a mile or more.

"These bridges have been put well above high water and every precaution taken to anchor and brace them securely, the abutments being filled with rock. Guard rails, also of sound chestnut logs, have been put on all bridges.

"Due to the construction of a new and more permanent camp nearer the center of our project area, our work has been somewhat curtailed this month, and since the Army has, of necessity, had to build two camps, we haven't had as many men to work on the project as we otherwise would have. However, the progress made has been satisfactory. Only about one day in all has been lost on account of rain, although we have had considerable "showery" weather.

"Our trail building program was begun a little late, but we have completed six miles of Class A trail, 4 feet wide, which is well located for scenery as well as fire protection. The banks have been sloped and rounded, the trail sides cleaned of smaller debris, and we are also cutting the dead timber which would be in danger of falling across the trails.

"We are now pushing construction of the trail to High Rock, and building it so that the material for the lookout tower may be taken up it on sleds. In order to expedite this we are establishing a side camp at Popler Flats.

"We are starting a stream cleanup and hope to get it well along before the weather and water get too cold.

"We have completed the project work which can conveniently be reached from the temporary camp, or will have by the time it is moved to the permanent location which will be about September 15th.

"There has been a great improvement in the physical condition of enrolled men, especially the non-local ones, and also in the quantity and quality of their work. Many of them were unaccustomed to this class of work, and it has taken considerable time and patience in some instances to train them to do it properly.

"They are now taking much more interest and pride in their work and are happy and contented. Many of them have expressed a desire to enlist for another six months covering the winter period.

"We have spent considerable labor on the road leading to camp. This road

is now in pretty fair shape and we expect to gravel the softer places before winter sets in so it will be in good condition for hauling in our supplies.

"When we move to our new camp we will push the construction of the motor road towards Clingmans Dome.

"The landscape crew under Mr.Swope, besides the roadside improvement, has done considerable road improvement and maintenance, and the forest improvement crew has, up to date, cut 1568 dead and unshapely trees, principally dead chestnut, a large pa rt of which has been used in bridge and telephone construction".

- - - - - - - - - - - - - - - - - - -

On September 1, Chas. W. Maner, an enrolled man from Powel, Tennessee, cut himself on the leg with an axe and died. A tourniquet was immediately applied and loosened each 15 minutes. By the time the boy walked to camp the wound had stopped bleeding. In dressing the wound the Army Doctor removed the clotted blood and bleeding started again. The boy raised to a sitting posture and dropped back dead. Death was attributed to shock or heart failure.

In a conference with Colonel Gordon Johnston, Commanding Officer, District "C", Fourth Corps Area, it was decided to continue 7 camps on their present sites during the winter, and move 2 camps to close proximity of other camps. There did not appear to be sufficient reason to pull Camp Number 8, Greenbrier. Apparently the viewpoint of someone not fully familiar with conditions was accepted. However, I succeeded in retaining two camps which the Fourth Corps Area had designated for discontinuance at the end of the present period of enrollment. Another good result of the conference was that the matter of side camps is now satisfactory to the park.

Fourth Corps Area later decided to agree to continuance of 8 of our 9 camps during the winter on the present sites. One camp will be merged with one of our camps that will be continued on its present site.

Following are excerpts from the monthly report of G. A. Schulze, Detached Technical Forester, ECW:

"In removing dead chestnut trees the trees are felled so as to lie papallel to the contours and flat on the ground. The limbs are cut off and scattered, usually in damp locations, so as to reduce the fire danger to a minimum.

"The boles are sawed when necessary to place them in contact with the ground and are reduced to cordwood only when by nature of the surrounding conditions they add to fire risk.

"Observation on previous cuttings show that two to three years only is needed to rot the branches into humus. The boles lying flat decay at the

same rate and are not at any time sufficiently dry to burn.

"All the work is carefully executed and in the three months to date there has been no visible evidence of the removal of the trees.

Forest Cleanup:

"It is interesting to note that there has been a steady increase in the output for each camp up to the present time. This increase measured in man-day-cords shows over 50% greater quantities than for the first month until now the average production is approximately 6.5 cords per man per day.

"Cost records are kept for supervision only the average overhead being at this time .19¢ per cord.

"The total man-cord output to date is 26,691.9 cords.

"The total man days used is 4723.

"The approximate acreage covered is 4000.

Fire detection:

"Using the topographic maps of the U. S. G. S. visibility surveys were completed for each section and the work checked on the ground as well as with a relief map now in existence in Waynesville, North Carolina.

"A complete lookout system has been made out indicating the location of ten primary stations and five secondary or emergency stations, for use in dry seasons only.

"Towers will be erected at stations which have been made accessible by the present CCC program, five in number, and selected because of their urgency.

Forest Pathology:

"White Pine occurs on approximately 3000 acres within the Park area. This territory has been scouted and maps prepared showing the detailed situations where the Pine and Gooseberry are found together.

"There being no infection with Blister Rust requiring an urgency program, the work of eradication will proceed in connection with the extension of roads and trails. Only where the two plants are found together will extensive removal of the causal plant be undertaken."

020 General weather conditions

During one week of the month the weather was settled. There was so much

rain during the other 3 weeks that the Knoxville Weather Observer states precipitation for the month was 4.82 inches in excess of normal. Normal precipitation for the park has not been established. Comparative figures at Elkmont for the past three years follow. It will be noted precipitation for August 1931 was nearly 5 inches in excess of precipitation for August 1933.

August 1931 - - - - 14.26 inches

August 1932 - - - - 3.10 "

August 1933 - - - - 9.35 "

Reports of observers at Elkmont and Smokemont, points in the Tennessee and North Carolina sections of the park, respectively, follow:

	Elkmont		Smokemont	
Mean maximum	78		82	
Mean minimum	58		57	
Maximum	84	Aug. 27	87	Aug. 2 & 13
Minimum	52	" 18	48	" 7
Greatest daily range	24	" 27	32	" 7
No. days clear	2		17	
No. days cloudy	6		7	
No. days partly cloudy	23		7	

Precipitation:

Total	9.35"		8.21"	
No. rainy days (.01" or more)	14		18	
Greatset rain in 24 hours	2.26"	Aug. 3	1.96"	Aug. 30.

Park Inspections by:

121 Superintendent

Numerous trips of inspection were made to the various ECW camps, and contact was maintained with camp commanders. On August 4, I attended the meeting of the State Park and Forestry Commission at Knoxville. On August 10, I conferred with Harold Winbsrly, Executive Secretary of the Commission at Knoxville concerning the acquisition of certain properties.

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
42/3405	183.42	183.42	.00
42/3406	10,600.00	9,960.87	639.13
42/3420	23,900.00	22,140.23 *	1,759.77

130 Finance and accounts, Cont'd.

	Allotment	Expended and Obligated	Unexpended Balance
43/4406	7,100.00	459.00	6,641.00
43/4420	500.00	00	500.00
44420	16,830.00	3,224.22	13,605.78
43436.1.3	34,000.00	32,729.99	1,370.01
4x436.3	85,000.00	58,400.87	26,599.13
4-03/5640.8	33,010.00	.00	33,010.00
4-03/5640.14	72,000.00	.00	72,000.00

* $99.40 of this sum spent for Fighting Forest Fires.

170 Plans, maps and surveys

Surveys were continued on Route 1-A and Route 3-A.

200 Maintenance, Improvements and New Construction

210 Maintenance

Tennessee and North Carolina Highway departments have continued their excellent maintenance of all highways in the park.

220 Improvements

Approximately 19 miles of fire trails on the Tennessee side of the park were cleared during the month.

230 New Construction

Following is an excerpt from the monthly report of Colonel W. I. Lee, Resident Engineer, Bureau of Public Roads:

ROUTE 1-B PROJECT 1-B-1

Description of the Project: Tow String to Boundary Tree, 3.97 miles, 30 feet graded roadbed, 20 feet by six inches crushed stone traffic bound surfacing. Laying the crushed stone surfacing continued during the month. Dressing the shoulders commenced and has continued through the month.

The quality of the work performed has been good. The materials have all been tested.

It is estimated that the project will cost $38,768.00.

Please note that we have drawn on the progress chart a dotted line for

this cost and also for the average schedule. Using these new figures we find the project is 90% complete and 93 per cent of the time consumed.

An average of 105 men were employed on the project during the month.

240 Improvement of approaches to park

Contract will shortly be let for paving the Knoxville-Sevierville section of the Great Smoky Mountain boulevard. Contract will shortly be let for oiling the Maryville-Deale Gap project.

Construction of the Dellwood-Cove Creek Gap, (North Carolina section of park), project is held up pending an agreement by the Office to building about 6 miles of boundary road between Mt. Sterling Gap and the Tennessee-North Carolina State Line. Grading of the Dellwood-Soco Gap project is practically completed and surfacing with crushed rock is under way. Some delay in letting the Soco Gap-Cherokee project has been encountered. State Number 112 from Cherokee to Whittier on U. S. 19 is now being surfaced with crushed rock, Contract for oiling State Number 78 from Robbinsville to Deale Gap has been approved by the North Carolina Highway Commission.

400 Flora, fauna, and natural phenomena.

410 Ranger service

Rangers of the park devoted most of their time to ECW matters during the month. Specific authorization was received by the Army to take on 6 additional local men at Camp No. 7 and these were enrolled on August 8. The Army failed to authorize this enrollment previous to July 15.

During the month fees in the amount of $186 on leases and special use permits were collected.

On account of a recurrence of his trouble with ulcers of the stomach, Ranger Wogansen was forced to go on leave, effective August 23.

Assistant Chief Ranger Needham was on annual leave from the 12th to the 21st inclusive.

470 Animals

Eleven bears were seen on the Tennessee side of the park during the month, most of these were seen in the Middle and East Prongs of Little River.

490 Miscellaneous

Due to lack of protection and the persistent poachers on the Tennessee side of the park, despite the large amount of trout that have been placed in the streams by the Knoxville Chapter of the Izaac Walton League, it is evident little good has been accomplished. On the contrary real progress is being made with

some of the streams on the North Carolina side of the park. Forney Creek now has so many trout it really should be opened to fishing, but this cannot be done so long as there is an ECW camp on the stream. It would be fished out promptly and we should have to start again.

500 Use of Park Facilities by the Public

530 Visitors

August provided the peak for travel during the year. A very prominent visitor was Miss Annabel Matthews, Judge of the U. S. Board of Tax Appeals, Washington, D. C.

600 Protection

610 Police protection

Patrolman C. A. Moles made four arrests for picking shrubbery and possession of firearms along the Newfound Gap highway during the month. One party found with a gun in his possession on the Tennessee side was turned over to Assistant Chief Ranger Dunn. The others were brought before the U. S. Commissioner at Bryson City and reprimanded and released.

During the night of August 29 the store of George W. Beck at Smokemont was broken into and robbed of groceries and shoes valued at $45. Our warehouse in the rear of the same building was entered at the same time but nothing was taken. To date the thieves have not been apprehended.

Patrolman Stewart Ramsey destroyed one 100 gallon still, one 150 gallon still, one 200 gallon still, 28 barrels of mash and 16 gallons whiskey in the Cosby section of the park during the month. No men were taken in either of these raids.

620 Fire protection

No fires occured in the park during the month.

900 Miscellaneous

Mrs. A. J. Huff, wife of the popular owner of the Mountain View Hotel, Gatlinburg, died on August 31. She had been seriously ill for two years.

Indicative of the park mindedness of Knoxville citizens the reorganized East Tennessee National Bank will be call the Park National.

Reports of park revenues, personnel and authorized projects are attached.

Very truly yours,

J. R. Eakin,
Superintendent

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of August, 1933.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Roads & Trails, Nat'l. Parks					
1B1 Boundary Tree-Smokemont	$85,000	90	17	7	Sept. 19, 1933.
NRA, Roads & Trails, 1933-35					
Trails					
FP149 Mt. Kephart-E.Bdry	25,900	0			Sept. 30, 1934
FP150 Alum Cave-Mt. LeConte	2,160	0			June 30, 1934
FP151 Towstring-State Line via Hughes Branch	3,600	0			Sept. 30, 1934
FP152 Equipment	1,350	0			Mar. 31, 1934
NRA, Bldgs. & Reserv., 1933-35					
FP155 Campground Develop. (NC)	12,060	0			Sept. 30, 1934
FP156 Water System (NC)	11,700	0			Sept. 30, 1934
FP157 Sewer System ((NC)	12,240	0			Sept. 30, 1934
FP158 Campground Develop. (Tenn)	12,060	0			Sept. 30, 1934
FP159 Water System (Tenn)	11,700	0			Sept. 30, 1934
FP160 Sewer System (Tenn)	12,240	0			Sept. 30, 1934

10-159
(May. 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of August, 1933.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	5	6	6	5
Number of additions	0	0	0	49
Total	5	6	6	54
Number of separations	0	0	0	49
Number of employees close of month	5	6	6	5
Number of promotions during month	0		0	
Aggregate amount of annual leave taken	14	0	0	0
Aggregate amount of sick leave taken	0	0	0	0
Aggregate amount of leave without pay	0	0	0	0

Annual leave:
J.T. Reed, Aug. 12-21, 7 days
[illegible] Hogan, " 23-31, 7 "

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of August, 1933.

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	186 00	00
Total,	186 00	00
Remitted,	186 00	00
On hand close of month,	00	00

Park revenues received this year to date,	4 542 18
Park revenues received last year to date,	3 654 55
Increase,	887 63
Per cent of increase,	24%

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Great Smoky Mtns. NATIONAL PARK

FILE NO.

SEPTEMBER 1933
MONTHLY REPORT

by

J. R. Eakin, Superintendent.

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1931 6—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE

Office of National Parks, Buildings and Reservations

October 9, 1933

The Director,
Office of Nat'l Parks, Bldgs. & Reservations,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of September:

000 General

010 ECW Activities

On September 2 instructions were received to recommend all additional winter camps for which profitable employment could be provided. Twelve additional camps were recommended, however, at a conference between Forest and Park Officials only 6 additional camps were allotted to this park. Thus we shall have 15 camps during the winter. Army officers reconnoitered the sites recommended on September 28. No objections were voiced to the sites and we presume they will be acceptable. To date these sites have not been approved by 4th Corps Area.

I was delighted to learn that Mr. Arthur O. Ringland, formerly with the Forest Service had been appointed Forestry Liaison Officer, Fourth Corps Area. In my opinion it was a serious mistake to turn liaison duties over to an Army officer. There was perfect harmony between Fourth Corps Area and the park so long as former Liaison Officer Kramer was on the job. When an Army Officer took over this very important job there was no one at Fourth Corps Area who knew field conditions, therefore some bad mistakes have been made.

A War Department order was received by camp commanders that all camp construction would be done by contract or by hired labor. Shortly afterward Fourth Corps Area (apparently) issued an order that during September camp construction would be done by enrolled men and that camp commanders were to use every available man in camp construction. This seriously curtailed progress on park projects. For instance it was desired to put 20 men in spur camps from P-9 to build a trail to a lookout point and to brush out trails preparatory to the fall fire season. The camp commander stated his instructions would not permit this but as a matter of cooperation he would "loan" the park 20 men during the month on condition the park agreed to provide the number of man days for camp construction in October that were lost by these men in camp construction during September. The original order concerning procedure in camp construction was again put in force about September 15. The new order gave the camp commanders plenty of lattitude for using enrolled men if they believed carpenters were not available. We offered to secure any number of carpenters needed for all camps.

Despite the fact that there was no authorization for enrollment of local men during September, one camp commander wrote Fourth Corps Area for permission to enroll one man. Despite our objection this man was enrolled. The argument that selection of local men was a function of the park, and that this man had been discharged from another camp because he had contracted a venial disease, carried no weight. With three exceptions the experienced camp commanders have been relieved of duty and have been replaced by inexperienced officers.

Following is a narrative report by Associate Engineer White on ECW activities in the park:

All camps have been engaged during the month in building barracks for winter quarters. In many cases through conflicting orders and through necessity in others, much CCC labor was utilized in construction. This caused great reduction in the number of men available for work in the field.

Camp N. P-1, Laurel Creek:

A visit to this camp about the middle of the month showed that the Dry Valley Road had been improved from the foot of the mountain to the camp site on Laurel Creek. This improvement consisted of grading, drainage, and surfacing with rock and shale. In the stretch from Schoolhouse Gap to Laurel Creek at the foot of the mountain on the south there was approximately 300 feet that had not been surfaced. For two miles this road runs along Laurel Creek, is level and heavily shaded. Under these conditions drainage is difficult and drying does not take place rapidly. This section of road was rough and wet in places but had a good rock foundation. Much of it was new location and still settling. At no place, however, was any difficulty encountered.

This camp, including completed mess hall and latrine building, was moved on September 20th to the new location, N. P-10 at Sugarlands, leaving much work in various stages of completion. The road through Crib Gap to Cades Cove had been graded. Many of the trails were well along. The most urgent of these was the trail to the tower site on Scott Mountain. Work on this latter trail has been resumed from a spur camp and it is hoped that much of the other work may be continued from the camp proposed for location N. P-11 in Cades Cove.

The transfer of this camp has removed the local quota some 25 miles from the vicinity of their homes. Some of the best men have already quit and if week-end transportation is not provided it is thought that the entire local enrollment will withdraw. At present a truck is being provided and placed in charge of a reliable man over the week-end.

Camp N. P-2, Sugarlands:

Work from this camp is continuing much the same as last month. Two spur camps have been established, one on Mt. LeConte and one on Blanket Mountain.

Bridge crews are working on Little River and a road crew on more relocation on Jakes Creek. This short stretch of new work will eliminate two crossings and two switchbacks that were a part of the old road.

Camp N. P-3, Middle Prong:

Since the opening of the road between Walkers Valley and Tremont work from the camp has consisted of finishing and cleaning up the new work, further improving the old railroad grade above Tremont, trail construction and stream and forest cleanup.

Camps N. P-4, Smokemont, & N. P-5, Kephart Prong:

Men from these camps are continuing the work of roadside improvement, under Landscape Supervision, along the State Highway between Towstring Creek and Newfound Gap in North Carolina. This has resulted in great improvement in the appearance of cut and fill slopes and berms and daylighted areas.

In addition to this roadside work these camps have improved old fire roads and built 23 miles of trail.

No. 4 also reports nearly two thousand acres of fire hazard removal. The dead timber is widely scattered in this section and a large area is covered rapidly.

Camp N. P-6, Cosby Creek:

Following is an excerpt taken from the monthly report of J. E. Castle, Superintendent of the Cosby Creek Camp:

"The field work has been carried forward as rapidly as possible considering the drain on men for camp construction up to the past week".

"During the month the road leading from #75 to camp has been put in good condition thru rock removal, ditching, placing of culvert and thru the cooperation of the county and use of road machinery. The road from camp to entrance of Guyot Trail is in good condition, and approximately .75 miles of this trail complete. Low Gap trail is progressing, the disposition of rock and dead timber slowing rapid advance of this project".

"On September 29 a very successful entertainment was staged here in celebration of the completion of barracks for occupancy. A Knoxville orchestra furnished music, and dancing and plenty of refreshments were enjoyed by several hundred people".

Camp N. P-7, Big Creek:

About the time of opening the road from Crestmont to Walnut Bottoms it

was decided that this camp would winter at the present site. Accordingly barracks, mess hall, etc. have been constructed. Work of finishing and improving the new road has continued and it is hoped that some work may be accomplished from a spur camp at Walnut Bottoms before the weather becomes too severe.

In the meantime release of men from road work is allowing trails to progress. The Mt. Sterling trail was pushed and has recently been graded to its destination. There remains finishing and cleanup work as it was necessary to open this trail for transportation of the tower. The trail up Chestnut Branch to White Rock is also being continued.

Camp N. P-8, Greenbrier:

Superintendent Frierson reports as follows:

"The construction of the barracks for the men is about completed or will be early next week".

"Road and trail work are going nicely. I have doubled the force on the Pinnacle trail in order to complete it before the weather is cold enough to quit there".

"Total progress to date:

Road - Park line to Greenbrier	90% complete
Copeland trail	Completed
Pinnacle trail	75% complete
Brushy trail	12% complete
1 - Bridge at Greenbrier	Complete
1 - Bridge at Greenbrier	35% complete

"The people in the vicinity of Emerts Cove do not seem to be able to make up their minds about the road and the county tractor and grader cannot proceed further unless they untangle their right of way troubles".

"Next week I will have our tractor and grader begin dressing up the old road to Pittman Center".

"I hope we can get a rock crusher soon as the road should be surfaced for the winter".

Camp N. P-9, Forney Creek:

As to the work in progress at Forney Creek, Superintendent Grosar says:

"We have had an average of only 44 men working on the project this month owing to the Army having to build and move to permanent camp quarters, and to the loss of several days due to Labor Day holiday given to the men for accumulative leave of absence".

"We established a side camp for the trail crew which is constructing the trail to High Rock and have been able to recruit it to a 20 man camp for the last few days. It is making satisfactory progress and will, I think, complete it to the tower site within the next 30 days".

"We will lose 35 men who are not reinlisting and this will hamper us some until the personnel is recruited to full strength and the new men are trained to the work".

"The Camp Commander will release to us all the men as usual October 2, except some carpenters and the usual camp duty detail".

"We will then push the cleanup, trail and road construction. The construction of the permanent camp is, I estimate, 70% complete and will be finished in time to make the men comfortable when the weather is colder".

020 General weather conditions

As will be noted below, we have had very little rain during the month and one light frost so far.

Reports of observers at Gatlinburg, just outside the park boundary in Tennessee, and Smokemont, in the North Carolina section of the park, follow:

	Gatlinburg		Smokemont	
Mean maximum	85		83	
Mean minimum	57		56	
Maximum	90	Sept. 24	89	Sept. 9
Minimum	41	" 22	36	" 21
Greatest daily range	41	" 22	45	" 19
No. days clear	18		20	
No. days cloudy	4		3	
No. days partly cloudy	8		7	

Precipitation:

Total	2.16"		.79"	
No. rainy days (.01" or more)	7		8	
Greatest rain in 24 hrs.	1.66"	Sept. 4	.25"	Sept. 1

100 Administrative

110 Status of work

Fees in the amount of $77.00 on leases were collected during the month.

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
42/3405	882.82	882.82	00
42/3406	10,600.00	9,960.87	639.13
42/3420	23,900.00	22,040.83	1,859.17
43/4406	229.50	229.50	00
43/4406.3	00	460.11	Re 460.11
44420	972.71	1,009.25	Re 36.54*
44420.3	7,000.00	2,264.53	4,735.47
43436.1	32,592.70	32,592.70	00
43436.1.3	00	37.29	Re 37.29
4-03/5640.8	1,969,010.00	7,026.23	1,961,983.77
4-03/5640.14	72,000.00	1.40	71,998.60
4m436	47,730.60	47,730.60	00
4m436.3	00	24,110.09	Re 24,110,09

* This amount reimbursable from ECW.

170 Plans, maps and surveys

Mr. T. L. Stallings, Park Engineer ECW, has spent the month on inspection work and mapping. He prepared and traced the upper section of the Chimney Camp Ground Area, and returned to the Smokemont area for additional information as to the location of a bridge at some future date for the proposed entrance to this camp ground. This map is about finished. He will then go to the Mingus Creek area for similar operations.

Mr. J. H. Riddle, Park Engineer ECW, has been engaged on map work at the lower section of the Chimney Camp Ground area. It is not proposed to develop this section immediately but both the upper and lower areas will be combined on the same map. Mr. Riddle is now starting on a more detailed map of the proposed administrative area.

The following excerpts were taken from the monthly report of Colonel W. I. Lee, Associate Engineer, U. S. Bureau of Public Roads:

The engineering work in progress during the month of September was on the following routes and projects:

Route 1-A; Extends from the park limits near Gatlinburg, Tennessee to the North Carolina State line at Newfound Gap.

Route 2-A: Extends from Newfound Gap along the main Smoky Mountains ridge to Deals Gap.

Route 3-A: Extends from the Junction with Route 1-A near the mouth of

Fighting Creek to the park boundary on Chilhowee Mountain.

Route 1-B: Extends from the Tennessee - North Carolina State line at Newfound Gap to the Cherokee Indian Reservation at Boundary Tree.

Route 3-A

Preliminary engineering on this project consists of a transit line beginning with zero at the junction with Route 1-A to stations 272 + 39 at its intersection with the road leading to Maryville, Tennessee. Levels have been run over this line and topography completed.

Progress on Route 1-A

The tangents have been located on the ground by an advance transit party to station 660.

The location party has reached station 499.

Final preliminary cross-sections have been plotted and quantities computed to station 100.

Preparatory work such as referencing center line, setting slope stakes and staking out pipe lines for drainage has been in progress on section 1-A-3. This project is about one mile long on which day labor is being employed. The boundary line for clearing was also indicated.

200 Maintenance, Improvements and New Construction

210 Maintenance

Approximately 17 miles of fire trails were cleared during the month in the North Carolina section of the park and approximately 8 miles in the Tennessee section of the park.

250 New construction

A force commenced clearing on project 1-A-3 September 19th. Excavation for structures has commenced at Route 2-A, Project 2-A-1.

Following is an excerpt from the monthly report of Colonel W. I. Lee, Associate Engineer, U. S. Bureau of Public Roads:

Route 1-B, Project 1-B-1

Description of the project that extends from Towstring to Boundary Tree, 3.97 miles, 30 foot graded road-bed, 20 feet by 6 inches, crushed stone traffic

bound surfacing.

Placing the crushed stone surfacing was completed on September 23rd, 1933. Three Rug trucks were removed by the contractor from the project on September 24, 1933. The work of cleaning up and dressing is now in progress with approximately fifty per cent finished.

The quality of the work performed has been good.

An average of 90 men were employed on the project during September.

- - - - - - - - - -

A location of the State Line Trail was made from that part constructed last year to the right of Mt. Kephart, down to the State line Ridge under the Jump Off and on into Dry Sluice Gap. Mr. Leenon, one of the Landscape Foremen, has been assisting in this location and Mr. Ludgate checked the proposed route before starting construction.

The construction of this trail was started on September 11th with S. H. Wear, one of our old trail foremen, in charge. Men were gathered from Sevier County, Tennessee and Swain County, North Carolina to comply with the provisions as to the selection of men. Laborers are being paid 35¢ per hour and semi-skilled men 50¢. The bulk of the tools and equipment used are from those purchased last year.

At the end of the month there was completed 5300 feet of trail with an additional 2500 feet "blocked out". The payroll for the month was $1,215.35. Some few days were required for packing and establishing camp and it is thought that actual construction costs will decrease.

An inspection of this trail was made last week. At certain points views can be obtained into both Tennessee and North Carolina. The width is four feet and the same methods of construction are being used as were employed last year.

240 Improvement of approaches to park

At the end of September the State of North Carolina had practically completed the grading on the Dellwood-Soco Gap highway project. Crushed rock had been placed on about half of it. It is anticipated that a contract for the Cherokee-Soco Gap link of this road will be let by the State during October.

Several miles of crushed rock have been placed on North Carolina highway No. 112 from Cherokee to highway No. 10. The contractor is required to have this job completed by January 1 next.

300 Activities of other agencies in the park

315 New contracts

Bids on the Newfound Gap-Clingmans Dome Project were opened on September 20.

The Arundel Corporation of Baltimore, Maryland, with a bid of $679,396.30 was low bidder. As this exceeded the set-up by approximately $75,000, award was held up until the job was refinanced. I recommended that construction of the Greenbrier road be deferred if that was necessary to secure the necessary additional funds.

Following is an excerpt from the monthly Report of Colonel W. I. Lee, Associate Engineer, U. S. Bureau of Public Roads:

Route 2-A, Project 2-A-1

Bids were opened for letting this project to contract September 20th. It was found that the Arundel Corporation of Baltimore, Maryland, with a bid of $679,396.30 was low.

Description of the Project

7.66 miles, 30 foot graded section; 20' x 6" Crushed Stone surface.

We have not yet been advised if the contract was awarded.

Construction engineering consists of preparatory work in setting slope stakes and referencing the center line.

320 Cooperating governmental agencies

During the month the Indian Service at Cherokee, North Carolina, in connection with their ECW program, constructed a splendid new road to the cooperative Barnett Knob fire lookout by way of Big Witch Creek. The distance from Cherokee to the lookout over this road is 9-1/2 miles and it will be a great help in servicing the tower.

400 Flora, fauna & natural phenomena

410 Ranger service

Ranger Wegenson continued on leave during the entire month on account of his health. He is improving however, and is expected back on duty by the middle of October.

The other rangers of the park devoted practically all their time to ECW matters during the month.

470 Animals

E. V. Komarek, Mammalogist, who has been collecting in the park for two years announces a new species of snake and a new species of frog have been found in the park. Identifications were made by W. L. Necker, of the Chicago

Academy of Sciences, and Karl P. Schmidt, of Field Museum. Strange to relate the snake is one of the commonest in the park but has never been taken as a scientific specimen. The new species of frog is very rare in the park. So far as is known these new species are not found elsewhere.

480 Natural phenomena

Prominent blooming plants during the month were: Asters, Bee Balm, Yellow Fringed Orchis, Turtlehead, Cardinal, Goldenrods, Joe-Pye-weed, Boneset, Sunflower, Lobelia, Blue Gentian, and Coreopsis.

600 Protection

610 Police protection

On September 30 Patrolman Moles arrested one M. G. Riddle of Knoxville for public drunkenness at Smokemont. He was taken to Bryson City and lodged in the county jail.

Patrolman Ramsey, of the Cosby section of the park, destroyed one 30 gallon still, one 200 gallon still and 8 barrels of beer during the month. Alvin Webb, of Cosby, who was caught with one of the stills was fined $25 and court costs. Lee Webb, Walter Foster, Russell Mahaffey and Belle Sutton, all of Cosby, were arrested by Patrolman Ramsey for public drunkenness inside the park, submitted and were fined.

620 Fire protection

No fires occured in the park during the month.

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Reports of park revenues, personnel and authorized projects are attached.

Very sincerely yours,

J. R. Eakin,
Superintendent.

Encl.

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of September, 1933.

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Roads & Trails, National Parks					
1B1 Boundary Tree-Smokemont	$90,000	98	8	17	Oct. 20, 1933
NRA, Roads & Trails, 1933-35					
Roads					
FP142 Newfound Gap-Clingmans D.	630,000	0			June 30, 1935*
FP143 Fighting Creek Gap Road	228,000	0			" 30, 1935*
FP144 Bdry. Tree-Towstring	32,000	0			" 30, 1935*
FP145 Park Bdry.-Bryson Place	158,000	0			" 30, 1935*
FP147 Park Bdry.-Greenbrier	68,000	0			" 30, 1935*
FP148 Fighting Cr.Jct-Newf.Gap	620,000	0			" 30, 1935*
FP148 do force account	200,000	0			" 30, 1935*
Trails					
FP149 Mt. Kephart-E. Bdry.	25,900	4	4	0	Sept 30, 1934
FP150 Alum Cave-Mt. LeConte	2,160	0			June 30, 1934
FP151 Towstring-State Line via Hughes Branch	3,600	0			Sept 30, 1934
FP152 Equipment	1,350	0			Mar. 31, 1934
NRA, Bldgs. & Reserv., 1933-35					
FP155 Campground Develop.	(N.C.)12,060	0			Sept 30, 1934
FP156 Water System	(N.C.)11,700	0			Sept 30, 1934
FP157 Sewer System	(N.C.)12,240	0			Sept 30, 1934
FP158 Campground Develop.	(Tenn)12,060	0			Sept 30, 1934
FP159 Water System	(Tenn)11,700	0			Sept 30, 1934
FP160 Sewer System	(Tenn)12,240	0			Sept 30, 1934

*Dates of expiration of funds have been shown, as plans on most of these projects are incomplete as yet.

10-159
(May, 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of September, 1933.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	5	6	6	5
Number of additions	0	40	0	93
Total	5	46	6	98
Number of separations	0	1	0	2
Number of employees close of month	5	45	6	96
Number of promotions during month	0	0	0	0
Aggregate amount of annual leave taken	3¾	0	0	0
Aggregate amount of sick leave taken	0	0	0	0
Aggregate amount of leave without pay	23¼	0	14	0

Annual leave:

A. K. Nogensen, Sept. 1- 7 3¾ days

Sick leave without pay:

A. K. Nogensen, Sept. 7- 30 23¼ "

Sept. 1	1 day
2	½ "
5	1 "
6	1 "
7	¼ "

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of September, 1933

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	77 00	824 35
Total,	77 00	824 35
Remitted,	77 00	824 35
On hand close of month,	00	00

Park revenues received this year to date,	4 619 18
Park revenues received last year to date,	4 478 90
Increase,	140 28
Per cent of increase,	3%

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Great Smoky Mtns. NATIONAL PARK

FILE NO.

OCTOBER 1933
MONTHLY REPORT

by

J. R. Eakin, Superintendent.

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 6—7410

NATIONAL PARK SERVICE

GREAT SMOKY MOUNTAINS NATIONAL PARK

GATLINBURG, TENNESSEE

November 14, 1933

The Director,
Office of National Parks,
Buildings and Reservations,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of October:

000 General

010 ECW Activities

The following report on ECW activities in the Park was submitted by Associate Engineer Robert P. White:

The strength of all companies was materially reduced this period due to the closing of the first enrollment period on September 30th and the consequent re-enrolling of some men and the discharge of others. Company strength varied approximately from 104 to 140 as shown on Superintendents reports.

Camps NP-2 & NP-10, Sugarlands:

As previously reported Camp NP-1 at Laurel Creek was moved to location NP-10 at Sugarlands. This is adjacent to the location of NP-2 and Superintendent Holt will have charge of both units.

Road and bridge crews have operated from these camps along the Little River above Elkmont, and on the road to Cherokee Orchard.

A spur camp has been established for some time on the top of Mt. LeConte, and the men doing the maintenance work on one of the main trails. This is about completed and the crew will start construction of a new trail, (the upper head of the Bull Head Trail).

Another spur camp was recently established on the lower end of the Bull Head Trail.

A third spur camp has been functioning on the construction of a trail to the Blanket Mountain Tower Site, this project nearing completion.

The construction of the Alum Cave Trail is being carried on from the

main camp.

In addition to the above, one forest cleanup crew has been operating and the fire tower for the top of Blanket Mountain, together with concrete materials and other accessories, have been unloaded and transported by personnel from these camps.

Camp NP-3, Middle Prong:

The opening of the motor way up the Middle Prong of Little River left much to be done in the way of cleanup and improvement. Crews from this camp have been engaged in ditching, surfacing, rounding slopes and in general making a presentable and all weather road.

This motorway is being extended along the old railroad grade up Lynn Camp, a spur camp being established near the upper end.

Trails are being continued from the camp across to Same Creek and from near the camp site to Jakes Gap.

Timber crews are cutting dead chestnut and cleaning up the slash left from timber operations.

The erection of a tower on Blanket Mountain will be carried on by personnel from this camp.

Camps NP-4 & NP-14, Smokemont:

Superintendent Montony reports 29.8 miles of horse trail built by his men up to the last of the period. In addition to this work the motorway and bridges up Bradley Fork have been improved for a distance of four miles.

A metallic telephone line from Ravensford to Smokemont is contemplated and some 200 poles have been cut in cleanup operations.

Landscaping the State Highway and collecting of seeds for future planting is being continued.

NP-14 moved in from Idaho on ~~September~~ October 20, and occupies a site just across Bradley Fork from NP-4. Fifteen enrolled men came with this camp and no field work has been attempted. Sixteen local men were enrolled on October 27th.

Superintendent Montony will have charge of both units.

Camp NP-5, Kephart Prong:

The main projects from this camp have been the landscaping of the State

Highway. The slopes are being smoothed and rounded, dead timber cleaned up, both by hand and by using a tractor with hoist attached, plants and seed collected for future planting along the roadway, and certain areas are being daylighted to provide parking places and overlooks down the valley of the Ooonaluftv.

In addition Superintendent Hosser reports some seven miles of trail complete roadside and trailside clearing, and cleanup of dead chestnut.

Personnel from this camp is continuing with forest cleanup, road and trail work. In addition some time has been spent in preparing a road and camp ground si for the advent of the new Camp, NP-13.

Camp NP-7, Big Creek:

Operations from this camp have consisted of the continuation of road and trail projects, forest cleanup and stream improvement.

The trail from Mt. Sterling Gap to the top of Mt. Sterling is open. The fire tower destined for this point has been transported to the top as has also the cement. Other concrete materials are being moved up. A trail from the tower site down to the vicinity of the camp is under construction.

Mr. Wilburn is engaged in locating a section of the main State Line Trail from Cosby Gap to White Rock.

Landscaping and maintenance are under way along the road to Walnut Bottoms. The large rock shot from the bridge head has been removed from the stream and many large drifts and logs have been taken out and converted into firewood.

The State Highway Department has loaned three dump trucks for the purpose of surfacing the road from Cosby Gap to Mt. Sterling, and this project is under way. When completed the camp will be accessible in all weather.

Camp NP-8, Greenbrier:

Internal strife has resulted in the road forces of Sevier County doing practically nothing towards constructing an all-weather road into the Park from Pittman Center, a distance of approximately two miles. Inasmuch as the main reason for leaving this camp at its present location for the winter was the assurance of the Park Service that a road would be built and maintained, it devolves upon the Park forces to surface with crushed rock the section from Pittman Center to the Park Line. The 3-1/2 miles from the line to the camp site is already in good shape and Superintendent Frierson is starting to utilize his tractor, blade, compressor and crusher to improve the stretch outside the Park.

The trail to the tower site on Pinnacle Mountain is open and the tower steel and the concrete materials are in process of being moved up. Cleanup and

landscape work is in progress along this trail, which when completed will afford much interest to tourists.

Work on the trail to Brushy Gap is also being carried on from a spur camp.

Forest cleanup operations are being continued, much of the timber so felled having been cut and utilized in the building of barracks and other structures.

This lumber was obtained exclusive of the felling, at a cost of approximately $9.50 per thousand board feet, while commercial firms charged upwards of $20 per thousand.

NP-9, Forney Creek:

Similar conditions exist here as obtained at camps NP-7 and Np-8, namely the necessity of providing an all weather road to the camp site. Here also the State of North Carolina is assisting, both by work on the two miles of road outside the Park Line, and by the loan of additional trucks for the work inside. The same machinery is on hand as at NP-8, and the surfacing with crushed rock is under way.

The Bear Creek road is being finished, including the cleanup, surfacing and landscaping, and the trail to High Rocks, starting from the upper end of the Bear Creek road, is under construction from the spur camp at Poplar Flats. The tower originally intended for erection on High Rocks has been transferred to another location. It is possible that a different type of lookout will be designed for High Rocks at some future date.

Construction of bridges and improvement of the motorway up Forney Creek continues. Forney has been closed for some time and numerous fine pools of trout are in evidence. One of these is not far from the camp site, and feeding the fish is one of the forms of entertainment.

Camps NP-11, 12, 13, 15, 16:

These new camps, with NP-14 mentioned above, arrived on October 20, 1933 and are located as follows:

NP-11,	Cades Cove, Tennessee
NP-12,	Elkmont, Tennessee
NP-13,	County Line, Tennessee
NP-15,	Mingus Creek, North Carolina
NP-16,	Deep Creek, North Carolina

These units came from Idaho with a personnel of one officer, two non-commissioned officers and fifteen enrolled men. Within the last few days the local quotas of sixteen men each have been enrolled for the new camps on the

Tennessee side of the Park. The work of erecting camp, installing water and telephone lines, etc., coupled with the small number of men available, has prevented any field work being attempted except in a few cases where repair of roads was necessary.

General:

Barracks, latrines, mess halls and officers quarters have been completed in all camps, except the new camps, during the period, and the men are assured of warm dry quarters for the winter. In several camps the occupation of the new buildings was celebrated with dances and a general open house. Recreation buildings are still under construction in some camps with the probability that they will be completed in the near future. It is understood that buildings for the new camps are under contract but the work has not been started.

Captain McKinzie and Mr. Walker spent three days in the Park taking moving pictures of the work done by the CCC boys, and a few other objects of interest. Actual operations have progressed some distance from the highways and their limited time would not permit of extended trips on foot or horseback. They expressed the hope that they might return at some future date with about a months time and three or four thousand feet of film at their disposal.

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Outstanding event of the month was the arrival on October 20 of 6 new camps from Idaho, making 15 camps in all. Only 15 CCC men came with each camp. Local quotas of 16 men were enrolled in the 3 new camps on the North Carolina section of the park. The 3 new camps in the Tennessee section of the park will not be ready for their local quotas until the first week of November.

All camps have been considerably under strength during the month and as a result not nearly so much work was accomplished as the previous month. The usual large number of men were detained in camp for camp construction. For instance I visited a camp on October 31. The camp commander informed me his camp would be completed in one week. I happened to remember that he made this same remark over a month ago.

The new camps have "old heads" as camp commanders in contrast to camp commanders of our original camps. In the latter with one exception experienced officers have been withdrawn from the park. The inexperienced officers have given us considerable grief.

The following excerpt was taken from the monthly report submitted by Associate Engineer Robert P. White:

On October 30, Mr. Frank Spiller of Knoxville reported for duty as office engineer. Mr. Spiller is an engineer and will take over much of the office work

as fast as he becomes sufficiently familiar with the details.

Park Engineer T. L. Stallings:

Mr. Stallings' time has been spent on topographic map work. He worked on part of the Chimney Camp Ground area, the Mingus Creek area, and is now engaged on mapping the proposed administrative headquarters site.

Park Engineer J. H. Riddle:

Mr. Riddle was shifted from map work to the supervision of the erection of fire towers. His knowledge of concrete and construction makes him very useful along these lines.

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Associate Engineer White also reports the following on Public Works:

Mr. White's work for the period has consisted of inspection of the work of the CCC camps in the field and the preparation of estimates and reports in the office. The advent of the six new companies from the west involved the preparation of camp sites, selection of supervisory personnel, and the furnishing of available transportation and equipment to the best advantage possible.

FP149 Mt. Kephart-East Boundary Trail:

The first mile of this trail brings it into the "Saw Tooth country" where the North Carolina side of the State Line has been burned over and presents a very devastated appearance. The original location was on the North Carolina side and part of the construction was completed. After landscape study this location was abandoned and a new line selected on the Tennessee side of the ridge. This involves much more difficult construction but the results obtained justify the change. Much of it is rock and one section of 650 feet is estimated to cost $1,000. Costs to date have been higher than originally estimated although it was thought that the section from Mt. Kephart to Mt. Guyot would run rather high.

Expenditures to October 31 amounted to $3,825.91 of which $3,610.65have been for labor, the remainder of $215.26 being for tentage, packing, supplies, etc. In addition about $75.00 worth of explosives have been used. Approximately two miles of trail have been finished with an additional half mile under construction.

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020 General weather conditions

Old timers say that October was the driest month they have ever experienced. It is regretted that normal precipitation for the park has not been established.

As an index the Knoxville weather station announced that October was the driest October on record with the exception of October 1905, and that precipitation was only one sixth of the normal amount. Despite the extreme drought there were no fires in the park although there was one fire just outside the boundary. Admitting that a wave of incendiarism may break out at any time, we are nevertheless hoping that incendiarism is diminishing.

Reports of observers at Elkmont and Smokemont, points in the Tennessee and North Carolina sections of the park respectively, follow:

	Elkmont		Smokemont	
Mean maximum	66		74	
Mean minimum	27		39	
Maximum	84	Oct. 1	86	Oct. 1
Minimum	17	" 22	24	" 26
Greatest daily range	60	" 1	43	" 14
No. days clear	3		19	
No. days cloudy	10		2	
No. days partly cloudy	18		10	

Precipitation:

Total	.90"		1.50"	
No. rainy days (.01" or more)	2		6	
Greatest rain in 24 hrs.	.56"	Oct. 17	.70"	Oct. 17

100 Administrative

120 Park Inspections by
121 Park Superintendent

The six additional ECW camps were visited and the Camp Commanders contacted. All are experienced officers and appear to be fine fellows. Practically all of the original camps were visited. My usual procedure is to work in the office in the morning and visit the camps in the afternoon.

130 Finance and accounts

	Allotment	Expended and Obligated		Unexpended Balance
42/3405	282.82	282.82		.00
42/3406	10,600.00	9,960.87		639.13
42/3420	23,900.00	22,043.21		1,856.79
43/4406	229.50	229.50		.00
44406.3	6,870.50	992.23		5,878.27
44420	972.71	1,009.25	Re	36.54 *
44420.3	7,000.00	3,312.01		3,687.99

(Cont'd.)

130 Finance and accounts, cont'd.

	Allotment	Expended and Obligated	Unexpended Balance
43436.1	32,592.70	32,592.70	.00
43436.1.3	37.29	37.29	.00
4-03/5640.8	1,940,260.00	16,735.42	1,923,524.58
4-03/5640.14	72,000.00	1.40	71,998.60
4x436	47,730.60	47,730.60	.00
4x436.3	42,269.40	31,498.91	10,770.49

* Reimbursable amount.

200 Maintenance, Improvements and New Construction

210 Maintenance

During the month 11-1/2 miles of fire trails on Hazel Creek and 15 miles of fire trails on Eagle Creek were cleared out. All fire trails on the North Carolina side are now in good shape except those on Twentymile Creek, which will be cleared out during November.

230 New construction

The Arundel Corporation of Baltimore began work on the Clingmans Dome project October 23. They seem to be a high class outfit and I have been favorably impressed with their officials whom I have met.

260 Landscape work

Assistant Landscape Architect V. Roswell Ludgate submits the following report for the month of October:

Work was commenced during the month on the Clingmans Dome "Skyway" by the Arundel Corporation of Baltimore. Inspection of this construction together with the establishment and planning of work programs for six new CCC camps placed additional burdens on the already overworked Park organization. The Tennessee Valley Authority absorbed several of our prospective landscape foremen, and as experienced men seem difficult to obtain we may be obliged to carry on with insufficient personnel.

Mr. Ludgate returned to the Washington headquarters for a few days during the month to discuss general development details concerning the Park and to expedite the approval of the two proposed public camp grounds. It was discovered that physical developments of this type were not permissible according to law inasmuch as the area was not yet legally a National Park.

The following activities, separated into their various classifications, occupied Mr. Ludgate's attention during the period:

Emergency Conservation Work:

Most important feature in connection with this section of the work was the reorganization of the landscape personnel to compensate for the loss of several men, to adequately meet the needs of the six new camps, to supply several general development plans, and to meet the requirements of the Bureau of Public Roads on inspection and the development of special areas along the proposed road locations. In this, we were handicapped by the lack of properly trained personnel, in fact the demand for trained landscape architects has apparently been so great that the field has been completely depleted. At present we are carrying on with an incomplete organization, but so far, by working longer hours, we have managed to keep up with the work.

Plans for portions of both the North Carolina and the Tennessee public camp grounds were prepared and approved during the month.

Cooperation with the Bureau of Public Roads:

Inspection of the preliminary line for the Fighting Creek Gap relocation was made and reported separately.

Reconnaissance of the Deep Creek location was reported separately.

Plans for six parking overlooks on the Newfound Gap relocation were sent to Washington for approval. Two were returned for further study and minor changes.

Preliminary study for the Alum Cave parking area was sent to Washington for criticism.

Grading plans for two more bridges were prepared and turned over to the Bureau of Public Roads for their comments.

General Development:

Planting studies have been commenced for the two public camp grounds in preparation for winter tree moving.

Studies are being made on the ground of the proposed administrative headquarters.

Assistant Landscape Architect Wilhelm continued his inspections of CCC work and assisted in the office in the preparation of various grading plans.

The following trail locations received landscape inspection:

Thomas Ridge trail, checked by landscape foreman Harris.
Low Gap trail, checked by Frost.
Snake Den trail, checked by Frost.
Ridge trail, checked by Lulgate.

Landscape Foreman Frost reports seed gathered from Lobelia, Golden Rod, Clematis, Aster, Bee Balm, Euonymous, Monarda, Tiger Lily, Calycanthus, Turtle Head, and Partridge Berry.

The six new camps which have moved in from Idaho have, as yet, only the nucleus of an organization, and as a result are merely occupied with the policing up of their respective camp sites in preparation to the construction of winter barracks.

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400 Flora, fauna, and natural phenomena

410 Ranger service

During the month the rangers devoted their time to the organizing of fire prevention organizations for the fall fire season, and ECW matters, such as receiving of, and transportation of supplies and materials for the erection of fire towers, supervision of the erection of same, and enrolling local quotas for the new camps.

Ranger Wogensen reported back on duty October 14 from leave necessitated by the condition of his health. While not yet fully recovered he is apparently making satisfactory progress.

470 Animals

Two bears were killed by hunters near Tremont, in the Tennessee section of the park, during the latter part of the month. Assistant Chief Ranger Needham also reports that several bear hunts were staged on the Stikeleather preserve on Hazel Creek during the month and two bears were killed but not on park property. Considerable bear sign is reported all through the park.

430 Natural phenomena

The more prominent blooming plants during the month were: Goldenrod, Joe-pye-weed, Boneset, Sunflower, Lobelia, Blue Gentian, Witch Hazel.

490 Miscellaneous

One hundred twenty cans of rainbow trout averaging 4-1/2 inches in length

were received from the Wytheville, Virginia, Federal hatchery and planted in park streams without appreciable loss.

500 Use of Park Facilities by the Public

530 Visitors

Captain M. McKenzie, EOW photographer for State Parks was in the Park October 18-21.

600 Protection

610 Police protection

On the 13th of the month the Sheriff of Swain County and two deputies captured an 85 gallon copper still and destroyed a quantity of beer not far from the highway on Twentymile Creek.

On the 20th Fire Guard Moles of Smokemont captured a 60 gallon copper still on Beck Branch on the Indian Reservation a short distance from the park line. Although this still was in operation when found, all of the operators escaped. Three and one-half gallons of warm whiskey and about 200 gallons of beer were destroyed. It is believed that this outfit was the source of most of the liquor in the Smokemont district.

During the October term of the Swain County Superior Court one Dillard Maney a former park resident pleaded guilty to the following charges: (1) carrying concealed weapons, (2) reckless driving and (3) public drunkenness with which he was charged on warrants issued during June 1932. He was given a two year suspended sentence on the road and fined costs in excess of $300.

Fire Guard Wesley Ogle caught one Will Ledbetter in the act of shooting a bear which had been put up a tree by dogs just over the top of Miry Ridge on the Elkmont side of the park. Ogle released both man and bear.

Fire Guard Stewart Ramsey destroyed eleven barrels of beer on Crying Creek during the month. No arrests were made.

620 Fire protection

During October a supply of fire rakes and back pumps were received and distributed, and fall fire season organizations selected.

No fires occurred in the park during the month. However, one small fire occurred on the outside of the park on the Tennessee side, on the 22nd, covering approximately six to eight acres. Approximately 200 man hours were spent

on the fire. About one-half of this time was travel time.

900 Miscellaneous

Visitors during the month were not counted. The owner of the Mountain View Hotel reports October was the busiest October he has ever experienced. Other commercial establishments such as stores, cabin layouts, garages, barber shop etc., make the same report.

I was in Washington October 2-10 on official business. The death of Mrs. Eakin's mother compelled me to take 4 days leave without pay.

It has been reported that the Jury of View awarded a sum in condemnation proceedings against the Ruvensford Lumber Company's holdings of 35,000 acres that was unsatisfactory to both the State Park Commission and the owners of the property and that both sides appealed this award to the District Court. Proceedings began in the District Court on October 30.

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Reports of park revenues, personnel and authorized projects are attached.

Very sincerely yours,

J. R. Eakin,
Superintendent.

Encl.

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of October, 1933.

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FP148.8 do force account	160,000	5	5	0	" 30, 1935
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FP152 Equipment	1,350				
FP249 Fire Trails	11,250	0			June 30, 1934
Bldgs. & Reserv., NRA, 1933-35					
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FP159 Water System (Tenn)	11,700	0			Sept 30, 1934
FP160 Sewer System (Tenn)	12,240	0			Sept 30, 1934

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of October, 1933.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	5	45	6	96
Number of additions	0	2	1	14
Total	5	47	7	110
Number of separations	0	2	0	10
Number of employees close of month	5	45	7	100
Number of promotions during month	0	0	0	0
Aggregate amount of annual leave taken	0	0	0	0
Aggregate amount of sick leave taken	0	0	0	0
Aggregate amount of leave without pay	17	0	5 Fur.	0

Leave without pay:

J. R. Lakin, Oct. 18-21 4 days
A. A. Fogenson " 1-13 13 "

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of October, 1933

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	105 00	56 00
Total,	105 00	56 00
Remitted,	105 00	56 00
On hand close of month,	00	00

Park revenues received this year to date,	4 724 18
Park revenues received last year to date,	4 534 90
Increase,	189 28
Per cent of increase,	4%

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns. NATIONAL PARK

FILE NO.

NOVEMBER 1933
MONTHLY REPORT

by

J. R. Eakin, Superintendent.

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE (E) 0—7410

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
GATLINBURG, TENNESSEE

Office of National Parks
Building and Reservations

December 12, 1933

The Director,
Office of National Parks,
Buildings and Reservations,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of November:

000 General

010 ECW Activities

The following is a narrative report on ECW activities in the park for the month:

This month has included a prolonged period of dry weather, greatly increasing the fire hazard. One fire in the Cades Cove section, on private lands bordering the park, threatened to assume dangerous proportions. At one time approximately 185 men from Camps NP-2, NP-3, NP-10 and NP-11, under the supervision of Assistant Chief Ranger Chas. S. Dunn, were engaged in fire fighting. Fine cooperation was received from the CCC personnel and the Army officers. Special mention may be given to Lieutenant James Latimer from NP-3, Company 1461, who personally assisted Ranger Dunn, riding to the camps along the fire line, checking up on supplies of rations and clothing and seeing that they were obtained and delivered.

Smaller fires occurred at other points, but were quickly controlled, mostly by members of the CCC camps.

Camps P-2 & P-10, Sugarlands, Tennessee:

The program of road and trail building has been continued from these two camps. Some three miles of the Jakes Creek road has been improved and will shortly be completed to the lower end of the Blanket Mountain Trail. This trail is also completed and material for the Blanket Mountain tower was transported over it by personnel from these camps. Crews also have been working on trails to LeConte via Bullhead, along Miry Ridge, along the Sugarland Mountain, to LeConte via Alum Cave, and to Brushy Gap from the divide between the Sugarlands and Cherokee Orchard.

Camp P-3, Middle Prong, Tennessee:

The road built by personnel from this camp, and also sections previously

completed from Tennessee State Highway No. 73 to the camp site, nine miles up the Middle Prong, is being maintained, and the motorway extended farther up the Lynncamp Prong. The old railroad grade up Marks Creek is being converted into a motorway. The trail from the camp site to Jakes Gap is completed and one across Sams Creek to Defeat Ridge is under construction.

Work on the erection of the Blanket Mountain tower is being carried on from this camp and two of the footers have been poured. Temperatures of around 10 degrees above zero have necessitated covering the green concrete with pauline and placing lanterns around the forms. Mr. P. L. Cox, formerly with the Tennessee State Highway Commission, and now employed as road foreman at P-3, is in charge of the work on the towers on Blanket and Rich Mountains.

Camps P-4 & P-14, Smokemont, North Carolina:

A summary from Superintendent Montony's letter regarding P-4 contains the facts that replacements arrived on November 25th, bringing the strength to 198.

Thirty men are engaged on highway landscape work; two trail crews of twenty men each have completed twenty-three miles of trail; thirty-five men are engaged in truck trail construction up the Bradley Fork; twenty men are cleaning up the roadside and streams; and eight more are on forest cleanup.

As to P-14, Superintendent Montony states that 175 men were received on November 23, which, together with the original 15, and the 16 local men enrolled previously, brings the strength up to 206. On November 27, the first field work from P-14 was started with 132 men on preparing ground for planting.

Eighty men are now at work preparing for planting and landscape work on Public Camp Ground; forty on highway landscape work; six on trailside cleanup; and eleven on truck trail construction.

Camp P-5, Kephart Prong, North Carolina:

Men from this camp are engaged mostly in landscape work along the State Highway. Trail construction is also under way. Much debris consisting of old ties, brush, logs, etc. is being hauled from the slopes along the highway with the aid of a tractor and winch. This wood is being picked up and taken to camp for firewood.

Camp P-6, Cosby, Tennessee:

Work on truck and horse trails is continuing from this camp with the majority of men being employed on timber cleanup.

Camp P-7, Big Creek, North Carolina:

Road and trail work and the erection of the fire tower on Mt. Sterling

have comprised the activities of the camp personnel. The road from Mt. Sterling past the camp site towards Walnut Bottoms is being maintained and improved. One and one-half miles of State Highway from Mt. Sterling to the State line has been surfaced with shale and rock. The trail from Mt. Sterling Gap to the tower site is completed and the material for the tower transported over same.

Tower construction is farther along on Mt. Sterling than at any other location. The piers have been poured, allowed to set the required time, and steel work is nearly completed.

Camp P-8, Greenbrier, Tennessee:

The surfacing of the road from the park line to Pittman Center has been of primary importance this period, and in order to provide an all weather road into camp, Superintendent Frierson has been working his tractor, compressor, and crusher at every opportunity. This surface is now assured.

In addition to the above, a bridge was built across the left fork at Greenbrier and the materials for the fire tower on Pinnacle Mountain were transported over the newly completed trail from the mouth of the Ramsey Prong. Due to the long pack trip the materials have not all reached the top, but is hoped to pour concrete in the near future.

Camp P-9, Forney Creek, North Carolina:

Superintendent Grosser reports as follows:

Weather conditions have continued favorable during this month and we have made considerable headway on the project work.

The Bear Creek road was completed to Poplar Flats and the slopes dressed up by the landscape crews under the supervision of Mr. Swope, the Landscape Foreman.

The class A trail was finished to High Rock at an elevation of about 5200 feet. A trail of the same kind has been started from that point toward Cold Spring Gap, and to continue on down Pilot Ridge to intersect with one already built up from lower down on Bear Creek. The object is to get the trail work concentrated at lower elevations during the colder weather.

In line with this, we have started another class A trail from near camp, known as the Advalorum Trail.

Also, if the weather gets severe we expect to work in the most protected locations.

We have concentrated on getting the road to camp in shape for the winter and have, with the assistance of the State Highway force, who furnished a foreman, a shovel and some trucks, put a surface of shale on the 2 miles of road from the

highway to the Park line, and we also have nearly completed putting a coat of crushed stone from there to the camp. We have widened the road considerably and have gotten it well ditched and drained. We have no fear of it becoming impassible during any unfavorable winter weather we may have.

We have done considerable work on the road leading from camp toward Clingmans Dome and will push this work while the weather is favorable. We will get as much of it opened up as possible so that the trucks can traverse it in bad weather. The ditch lines are being dug and the rock in them and the road bed uncovered and we expect to drill and shoot this stone so we can use it in the building of retaining walls and gravelling of the road bed.

Due to the road being along and near Forney Creek, the rock work will be considerable.

We had 61 new men enrolled on November 16th, and 13 on November 27th, bringing our strength up to the quota. Most of these men are from western North Carolina and are acclimated. They are willingly falling in line and will make, in most instances, satisfactory hands.

The health of the men has been exceptionally good, and while there have been some minor accidents, there has been no hospital cases. They have been provided by the Army with winter clothing and have sufficient blankets to make them comfortable during any weather we have had so far.

Camp P-11, Cades Cove, Tennessee:

This being a new camp and with replacements only received on November 22, very little work has been done on Park projects. Four truck trail crews are out, two on the entrance road from Rich Gap, one on the "Old Cooper Road" west from camp, and one on the road east through Crib Gap to Laurel Creek.

Camp P-12, Kilmont, Tennessee:

Personnel from this camp have taken over some of the work originally programmed for P-2. Crews are working on the Jakes Creek Road and on the cleanup of dead chestnut, which is very plentiful in this section. This is a new camp and was not brought up to strength until November 22, when 175 replacements arrived, consequently very little work on Park projects has been done.

Camp P-13, County Line, Tennessee:

As in P-6, a near neighbor, the bulk of the work from this camp will be timber cleanup. Some road and trail work is also included.

Replacements in the number of 177 arrived on the 22nd and on the 23rd, Superintendent Cavett reports about 100 men at work on timber cutting and the repair of the road into camp. This is another new camp.

Camp P-15, Mingus Creek, North Carolina:

Located on the recently completed Bureau of Public Roads project of new road from Towstring Creek to Park Line, the work from this camp will consist mostly of highway landscaping, with a little truck and horse trail and some timber cleanup thrown in. Not much has been accomplished, as this is another new camp with replacements of 175 men received on November 23.

Camp P-16, Deep Creek, North Carolina:

Superintendent Woodbury, transferred from P-7, reports that 174 new men arrived on November 28. These have been engaged in miscellaneous tasks, such as building camp telephone and power lines, improving the road to camp, and securing firewood. This latter fitted in with stream improvement operations as an old splash dam was demolished and at the time of the report some 20 cords had been hauled to camp. This is a new camp.

- - - - - - - - - - -

During the months of October and November, the personnel of the old camps was reduced materially. Replacements for them and for the new camps were not received until the latter part of November, all of which has adversely affected the amount of work accomplished.

It is thought that by December 10th, all companies will be in barracks and organizations effected to the point where maximum results can again be expected.

Due to a severe spell of cold weather, many side camps were brought in and work through the winter will probably be confined to road work and timber cutting at the lower elevations.

All superintendents seem well pleased with the new men and anticipate a pleasant seasons work.

Dr. Geo. C. Ruhle, Park Naturalist from the west, has been assigned to the Great Smokies for three months, beginning with December, and it is hoped the CCC personnel will benefit from the educational program contemplated.

Mr. J. H. Riddle, Park Engineer, ECW, has had charge of the erection of fire towers on Mt. Sterling and Pinnacle Mountains. As stated in another report excellent progress has been made on Mt. Sterling and the steel is nearly up.

Mr. Frank M. Spiller, Office Engineer, ECW, has taken charge of the preparation of the Monthly Progress Reports, Form ECW-7. In addition, Mr. Spiller has been engaged on some drafting and on estimates for the lumber needed for garages and shops at different camps.

It has been previously reported that our six new camps moved only 15 men

each from Idaho and that local quotas for these camps had been enrolled. On November 22, 175 replacements each arrived for Camps NP-11, NP-12 and NP-13. On November 23, 175 replacements each arrived for Camps NP-14, NP-15 and NP-16. All replacements were from New York, about one-half of them from up State and the others from New York City.

020 General weather conditions

Reports of observers at Elkmont and Smokemont, points in the Tennessee and North Carolina sections of the park respectively, follow:

	Elkmont	Smokemont
Mean maximum	55	57
Mean minimum	28	29
Maximum	73, Nov. 3	76, Nov. 2
Minimum	11 " 15	11 " 16
Greatest daily range	38 " 27	47 " 30
No. days clear	3	16
No. days cloudy	11	14
No. days partly cloudy	16	0

Precipitation

Total	2.51"	1.48"
No. rainy days (.01" or more)	4	5
Greatest rain in 24 hrs.	1.64", Nov. 21	.82", Nov. 22

100 Administrative

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
42/3405	282.82	282.82	00
42/3406	10,600.00	9,960.87	639.13
42/3420	23,900.00	22,040.83	1,859.17
44406	229.50	229.50	00
44406.3	6,870.50	1,646.56	5,223.94
44420	972.71	972.71	00
44420.3	15,100.00	4,414.03*	10,685.97
43436.1	32,592.70	32,592.70	00
43436.3	37.29	37.29	00
4x436.3	42,769.40	31,498.91	11,270.49
4x436	47,730.60	47,730.60	00
4-03/5640.8	1,905,385.00	31,906.33	1,873,478.67
4-03/5640.14	72,000.00	1.40	71,998.60

* $22.66 of this amount reimbursable.

170 Plans, maps and surveys

On November 28, Colonel W. I. Lee, U. S. Bureau of Public Roads made an inspection of the location of the proposed Maryville-Park Line Road via Emmarine Gap to ascertain if it was the logical location for continuing a road to Cades Cove. He reported the location was satisfactory and as Director Cammerer had approved this road subject to a report as to feasibility by the Bureau, State Highway authorities were notified that part of the project within the park was officially approved.

200 Maintenance, Improvements and New Construction

230 New construction

Final inspection and acceptance was made of the Towstring-Boundary Tree project on November 1.

Following is an excerpt from the monthly report of Robert P. White, Associate Engineer:

Progress on Public Works Projects:

The trail from Mt. Kephart to the East Boundary has been completed for a distance of two and one-half miles east from Mt. Kephart, with another half mile partially completed. It is "blocked out" into Porters Gap, at which location it is intended to pitch camp in the Spring.

As mentioned in a previous report, the line of this trail was changed to a more difficult location, considerably increasing the cost of construction. This change is justified by the gain from a scenic standpoint.

Expenditures to November 30 are as follows:

Personal services	$5,171.10
Supplies and materials	309.78
Total - - - - - - - - -	$5,480.98

An average of 35 men were employed on this project up to the latter part of November. Due to inclement weather work was discontinued on November 25th, with the exception of packing out some equipment.

Much favorable comment has been received on this trail, many hikers pronouncing the views the best that they have seen in the Park.

The eastern end of this project has been flagged for 1-1/2 miles from the

State Line Gap by ECW personnel, and construction will start at once as the gap is only a short distance from Camp P-7 on Big Creek.

Mr. T. L. Stallings, Park Engineer, ECW, has been engaged in mapping the proposed Administrative Area. This work was practically completed on the last of November with the exception possibly of a few details.

Associate Engineer White spent three days on a reconnaissance of the work contemplated under Public Works on Twentymile Creek in North Carolina, and three days on the Indian Creek road. This latter is to be improved from Camp P-16 on Deep Creek. Remainder of time for the month was consumed in general inspections of camps, including the tower projects on Blanket Mountain and Rich Mountain, and office work on reports and estimates.

The following excerpts were taken from the monthly report of Colonel W. I. Lee, Resident Engineer, U. S. Bureau of Public Roads:

The engineering and construction work in progress during the month of November was on the following routes and projects.

Route 1A: Extends from the Park limits near Gatlinburg, Tennessee to the North Carolina State Line at Newfound Gap.

Route 2: Extends from Newfound Gap along the main Smoky Mountain ridge to Deals Gap.

Route 3: Extends from the junction with Route 1A near the mouth of Fighting Creek to the Park boundary near Chilhowee Mountain.

Route 1B: Extends from the Tennessee-North Carolina State Line at Newfound Gap to the Cherokee or Qualla Indian Reservation.

Route 11: Extends from the Park boundary line on Deep Creek about 2-1/2 miles from Bryson City, North Carolina, thence up the valley of Deep Creek to the Bryson Place.

Progress on Route 1A

A preliminary survey has been made of this entire route. At present it has not been decided which will be used, the loop or in lieu thereof the two switchbacks on the location.

An approximate estimate of the distance on the final located route is 14.5 miles. Of this distance 10.5 miles have been located. Six miles of this route is now under construction using day labor forces. This is in two sections; the first begins near Newfound Gap at station 11 + 75 and extends down the mountain towards Gatlinburg for a distance of five miles; the second begins at station 506 + 46.67 and extends down the mountain for a distance of one mile.

Slope stakes and cross-sections have been completed beginning at station 11 + 75 to 75 + 00, also from 100 + 00 to 116 + 00.

On the second section designated 1A-3 all stakes have been set and work on some of the items has been carried on over the entire section.

The field testing of all materials are made on delivery. Whenever deemed advisable an inspection of sources of supplies are made. Routine construction inspection continues at all times in contact with the operation.

Description: Both sections are 30 foot graded road-bed; with 20 feet by 6 inches crushed stone traffic bound surfacing.

Clearing and grubbing is 40% complete between station 11 + 75 and 75 + 00.

The work grading and roadway commenced at station 61 to 62. Also a force working at each end of the tunnel are grading the approaches. Structural excavation for culvert and two retaining walls has been completed.

Progress on Route 2A

The entire length of this route from Newfound to Deals Gap is estimated to be 44 miles. Project 2A-1 is the first section. It was let to the Arundel Corporation of Baltimore, Md.

The project extends from Newfound Gap to a point on Forney Ridge near Clingman's Dome.

Description: 7.66 miles long; 30 feet graded road-bed; 20 feet by 6 inches crushed stone traffic bound surfacing.

At the beginning of the month work of a preparatory nature was in progress. The official time count begins on November 9, 1933.

Work commenced excavating within the proposed parking area at Newfound Gap. This consisted of widening by excavating certain points and filling at others. The construction of the surcharged retaining wall located on the southeast side of the parking area retarded the progress of grading due to the lack of dumping space. The materials composing the unclassified excavation item of this project consists largely of stone. This stone laying in its natural bed is laminated. The stone ledges between laminations vary in quality of structures. One will be a partially decomposed slaty formation breaking into flakes by the process of excavation. The next adjacent ledge may be composed of good quality stone suitable for use in building cement rubble masonry walls. These stone ledges varying in quality of texture as well as in thickness between laminations must be excavated and the stone suitable for rubble masonry construction segregated for such use.

Since the stone for the retaining wall above referred to having to be obtained from the excavated materials naturally the progress was slow.

Progress on Route 3.

The total length of this route is estimated to be 45 miles. Section A of this route as outlined in the proposed road system is about 12 miles long.

Project 3A-1 begins at the intersection of Route 1A and Route 3 near the mouth of Fighting Creek. From thence in a westerly direction crossing the ridge at Fighting Creek Gap and down to an intersection with the present road leading from Elkmont to Maryville, Tennessee.

Length of the project 4.5 miles; 30 feet graded road-bed; 20 feet by 6 inches crushed stone traffic bound surfacing. All surveys have been completed except the location which should be finished in about 10 days. The notes are now being worked up and it is anticipated that the estimate and plans will be ready to advertise by January 1st, 1934.

Progress on Route 1B

The total length of this route is estimated to be 14 miles. The State of North Carolina located and constructed from Newfound Gap to a point about one mile south of Smokemont a distance estimated to be 10 miles. The State of North Carolina located from the end of the above constructed road to the Qualla or Cherokee Indian Reservation line. This latter location was assigned to the U. S. Bureau of Public Roads to construct as Project 1B-1.

Description of project: Length 3.97 miles; 30 foot graded road-bed; 20 feet by 6 inches crushed stone traffic bound surfacing.

The work on this project was finished October 30, 1933 except the operation of a power grader to maintain the stone surfacing and a small force of hands for a few hours clearing a ditch near the Boundary Tree. The final estimate will be ready to send in about December 15th, 1933.

Route 11

The total length of this route is estimated to be 6.5 miles.

Project 11 begins near the point where the Park boundary line crosses Deep Creek. From this point up to the Bryson Place the Creek meanders. On the convex side of creek curves, bluffs will be found, while on the opposite of concave side of the Creek, relatively speaking, gentle slopes more or less prevail.

An old roadway leading up this narrow valley crossed and recrossed, by fording, the Creek to continue using the gentle slopes.

In the development surveys during their earlier stages an attempt was made to confine the line to one side only over certain distances, then cross the Creek and hold the line on that side until the topography forced another creek crossing. As the changing slope ratios are so variable leading from the higher ground to the bed of the Creek it is impossible to determine the most economical point or points for Creek crossings in the final located line. Therefore it was determined an economical expenditure of funds to make a preliminary survey on each side of the Creek, for the entire distance. Then at certain localities tie the two lines together by a survey across the Creek and make these tie lines an axis for bridge situation surveys.

The survey on each side of the Creek will be estimated in sections, between these tie lines across the Creek. With the estimated data on each section plus the cost of the Creek crossings the most economical line to construct can be established.

- - - - - - - - - - - -

Assisted by a crew of 8 to 10 men from Camp P-4, Foreman Bert McJunkin started construction of the Smokemont-Ravensford telephone line on the 13th and same was completed and placed in operation on the 30th. Assistant Chief Ranger John T. Needham located this line and approval of the location was secured from Assistant Landscape Architect Ludgate prior to construction. One hundred and forty-six chestnut poles, 22 and 25 feet long and having a minimum top diameter of 6 inches, were used. These were cut by CCC labor and placed along the line before construction was started. The line is slightly less than four miles in length, is a metallic copper circuit of No. 12 wire and connects with the Appalachian Railroad metallic line at Ravensford giving a direct connection with the Bryson City exchange. Camps Nos. 4 and 15 now have metallic service on the new line and Camp No. 14 will have as soon as the barracks are completed.

260 Landscape work

Following is a summary by Assistant Landscape Architect Ludgate of landscape activities in the Park for the month.

The advent of the six new CCC camps together with the increased impetus given to the work of the Bureau of Public Roads necessitated a reorganization of the landscape personnel, placing several of the older members directly on the Public Works program, and Foremen Frost and Lesmon on detached service. Addition to the office of the new drafting room enables us to do considerably more work on plans and design.

Mr. Ludgate's time was divided between the drafting room and the field, lining up the work in the various camps, and setting the new organization, which places Mr. Wilhelm in charge of landscape details in connection with CCC work, and Mr. Bird in charge of the Public Works. Considerable time was spent conferring with Mr. Eakin regarding the new camps, and the new Civil Works program, which is working out nicely.

Besides the regular inspections of the work in the CCC camps, attention was also given to the Fighting Creek Gap relocation, the Newfound Gap relocation, the Clingman's Dome road, the Deep Creek Surveys, and the location of the State Line trail being constructed with Public Works funds. A change was suggested in the State Line location which seems to have met with the approval of everyone.

A special investigation was made of the Smokies approach for the new Park to Park highway, and report submitted to Washington, as were also reports on the Fighting Creek Gap Road and the Deep Creek survey.

Fourteen drawings for parking overlooks, camp grounds, and various landscape details were mailed to Washington during the month, and four others are under process of completion. Preliminary work has been started on the Master Development Plan for the park.

400 Flora, fauna, and natural phenomena

410 Ranger service

On the 1st and 2nd, Assistant Chief Ranger Needham accompanied Associate Engineer White on a trip to Twentymile Creek, the object of which was to prepare a program of work for a Public Works crew to be started there early in December. On this trip it was decided to build the trail to the Shuckstack fire lookout from the Twentymile side.

On the 21st, Ranger Wogensen installed a telephone in the office of the Arundel Corporation at Newfound Gap connecting same to the grounded line recently completed from Smokemont. He also installed a new grabaphone type telephone in the Burnett Knob lookout during the month.

Most all of Assistant Chief Ranger Dunn's time was spent on fire suppression, helping get work started in the new ECW camps, right-of-way burning on the Newfound Gap Road and fire tower construction.

A larger portion of Rangers Needham's and Wogensen's time was devoted to ECW matters and fire prevention.

500 Use of park facilities by the public

530 Visitors

J. D. French, ECW Inspector was in the Park November 2 and 3. I ran across him quite by accident at one of the camps. He showed no disposition to discuss ECW matters with me, nor did he visit headquarters.

Arthur C. Ringland, Forestry Liaison Representative at Fourth Corps Area, was in the Park November 29 and 30. Aside from a very pleasant social visit,

I feel that his trip resulted in much benefit for the Park.

Colonel Duncan Major, Inspector, War Department, was in the Park on November 20th. I lunched with him at Camp NP-2, and had a pleasant chat. He paid a fine compliment to the efficiency of the Park Service as compared to other agencies engaged in ECW.

600 Protection

610 Police protection

Four Park cases were heard before the November Federal District Court, which convened in Bryson City on November 27. Clint Hollifield, and W. F. Weeks of Bryson City and John Huskey of Gatlinburg, Tennessee were all found guilty of fishing on closed streams in the park and were fined $5, $10 and $20, respectively. J. L. Williamson was tried for aiding and abetting Huskey in his fishing, but was turned loose.

Patrolman Ennis Ownby, of the Greenbrier section of the Tennessee side of the Park, destroyed 100 gallons of beer in the Greenbrier section during the month.

Patrolman Wesley Ogle, of the Tennessee side of the Park, captured a 40 gallon still and destroyed 25 gallons of liquor on White Oak Branch of Blount County early in the month. Two men were at the still at the time, but got away.

On Sunday evening, November 12, Assistant Chief Ranger Dunn caught Dr. Frank E. Evans and Dr. E. P. Nicely of Knoxville, just as they had set fire to two piles of leaves on Little River, both of which were getting off to a good start. Ranger Dunn, with the assistance of the Doctors, suppressed the fires and informed them that they would be notified when to appear before the U. S. Commissioner.

Both men were brought before U. S. Commissioner Allen at Sevierville on November 17 and fined $5.00 and cost, each.

620 Fire protection

The month of November was extremely dry and the fire hazard became acute during the period between 15th and 20th. Numerous fires burning in and on lands bordering the Park, made the visibility so poor as to render the lookouts useless at times. During these periods of poor visibility, additional CCC patrolmen were placed on duty.

Park forces on the North Carolina side of the park were involved in three fires during the month, two of which were wholly outside of the Park. After burning over several hundred acres of private lands inside the Park on the Tennessee side, a fire crossed over on the North Carolina side on the 16th, and burned over 30 acres of park lands in the Twentymile district.

Six fires occurred during the month in the Tennessee section of the Park, as follows:

Fire No.	Date	Location	Cost	Acres Burned Inside Park	Acres Burned Outside Park	Man hrs
101	November 18	Panther Creek, Tenn.	$18.20	100		583
102	" 18	Rabbit Creek "	6.00	800		724
103	" 19	White Oak Flats "	9.00	250		464
104	" 29	Wears Valley "	.00		12	86
105	" 29	Chilhowee "	.00		200	40
106	" 30	Wears Valley "	.00		10	424
		Totals - - - - - - - -	$33.20	1,150	222	2,321

All of the above fires were on privately owned lands.

900 Miscellaneous

Civil Works Program for this Park was forwarded on November 9. Approval had not been received by the end of the month.

On November 11, a get-together party was given by the citizens of Bryson City. Park officials and Army officers, with their wives attended.

General E. H. Saunders, staunch friend of the Park, and a personal friend of mine, died at his country estate near Knoxville on November 24. General Saunders was a brother-in-law of Colonel David C. Chapman, who put the Park movement over. Mrs. Eakin and I attended the funeral services in Knoxville on November 25.

A jury in the Ravensford condemnation case, in which 32,000 acres of land is involved, in an appeal from the award of a jury of view on November 15, made an award of $1,057,190. There had been an agreement previously on a valuation of $50,000 for the logging railroad and this item was not a factor in the suit. The jury of view had awarded $975,000 for the property, exclusive of valuation of the railroad.

It has been announced by the President of the Appalachian Club, which burned to the ground on November 25, that it will be rebuilt. It was partly covered by insurance.

Reports of Park revenues, personnel and authorized projects are attached.

Very sincerely yours,

J. R. Eakin,
Superintendent.

Encls.

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of November, 1933

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Roads & Trails, National Parks					
1B1 Boundary Trea-Smokamont	$90,500	100	0	2	Oct. 30, 1933
Roads & Trails, NRA, 1933-35					
Roads					
FP142.8 Newfound Gap-Clingmans D.	630,000	0	0	0	June 30, 1935
FP143.8 Fighting Creek Gap Road	228,000	0	0	0	" 30, 1935
FP144.8 Bdry. Trea-Towstring	32,000	0	0	0	" 30, 1935
FP145.8 Park Bdry-Bryson Place	158,000	0	0	0	" 30, 1935
FP148.8 Fighting Cr. Jct-Newf. Gap	620,000	0	0	0	" 30, 1935
FP148.8 do force account	160,000	10	5	5	" 30, 1935
Trails					
FP149 Mt. Kephart-E. Bdry.	25,900	15	5	6	Sept 30, 1934
FP150 Alum Cave-Mt. LeConte	2,160	0	0	0	June 30, 1934
FP151 Towstring-State Line via Hughes Branch	3,600	0	0	0	Sept 30, 1934
FP152 Equipment					
FP249 Fire Trails	11,250	0	0	0	June 30, 1934
Bldgs. & Reserv., NRA, 1933-35					
FP155 Campground Develop. (N.C.)	12,060	0			Sept 30, 1934
FP156 Water System (N.C.)	11,700	0			" 30, 1934
FP157 Sewer System (N.C.)	12,240	0			" 30, 1934
FP158 Campground Develop. (Tenn)	12,060	0			" 30, 1934
FP159 Water System (Tenn)	11,700	0			" 30, 1934
FP160 Sewer System (Tenn)	12,240	0			" 30, 1934

(May, 1931)

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of November, 1933.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	5	45	7	100
Number of additions	0	10	0	14
Total	5	55	7	114
Number of separations	0	48	0	0
Number of employees close of month	5	7	7	114
Number of promotions during month	0	0	0	0
Aggregate amount of annual leave taken	0	0	0	0
Aggregate amount of sick leave taken	0	0	0	0
Aggregate amount of leave without pay	0	0	0	0

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of November, 1933

	This Year	Last Year
Park revenue on hand beginning of month,	00	00
Received,	86 00	77 00
Total,	86 00	77 00
Remitted,	86 00	77 00
On hand close of month,	00	00

Park revenues received this year to date,	4 810 18
Park revenues received last year to date,	4 611 90
Increase,	198 28
Per cent of increase,	4.3%

10-23
(May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Great Smoky Mtns NATIONAL PARK

FILE NO.

December, 1933
Monthly Report

- - - - - - - - - - - - - - -

J. R. Eakin, Superintendent

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 6—7410

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GREAT SMOKY MOUNTAINS NATIONAL PARK
BRYSON CITY, NORTH CAROLINA
~~XXXXXXXXXXXXXXXXXXXX~~
Gatlinburg, Tennessee

Jan. 15, 1934.

The Director,
Office of National Parks,
Buildings and Reservations,
Washington, D. C.

Dear Mr. Director:

Herewith report of activities in Proposed Great Smoky Mountains National Park for the month of December:

000 General

010 Matters of unusual importance

December was almost, if not quite, the busiest month we have experienced. Getting our 5 CWA projects started was, in itself a big job. Letters and telegrams to State CWA Administrators remained unanswered, and as a result there was no provision to pay CWA employees. I was not authorized to issue purchase orders, or to certify payrolls. Repeated contacts with local CWA Administrators were necessary. CWA projects did not really get under way until December 27. Added to this was preparation of a list of men for bringing our 15 CCC camps up to strength of 200 men between January 2 and January 10. Administering our CCC camps was a big job in itself. The experienced officers who started the camps have all been withdrawn. Some of the Reserve Officers now functioning as camp commanders have given us much unnecessary trouble by "horning in" on park projects and other arbitrary actions. However, the Forestry Liaison Representative at Fourth Corps Area was very helpful in straightening out the various complications and misunderstandings as they arose. We feel amply repaid for our hard work by the great amount of essential work accomplished.

We have been agreeably surprised at the ability of supervisory forces and labor furnished to our CWA projects by local CWA Administrators. They are accomplishing considerably more essential work than was anticipated.

Following is a narrative report on ECW activities in the park for the month, by Associate Engineer, Robert P. White:

Due to an exceptionally mild winter, work has continued practically without interruption. Decrease in the number of men has slowed the progress. Work on a few trails at the higher elevations has been suspended, but many that were scheduled for discontinuance during the winter are still in operation and making good progress. With the return of the men after the holiday period and the enrollment of replacements up to January 10th. normal operations will be resumed.

Camps NP-2 & NP-10, Sugarlands, Tennessee:

Most of the men from these camps were assigned to the removal of fire hazards. One road crew is working on the Roaring Fork, improving the old road for use as a motorway. This road will be the starting link in the trip to Brushy Gap, a very beautiful route and a favorite of the tourists, Several trail crews are working at the lower elevations and a party is out on location work for new trails.

In addition, the Chimney Camp Grounds are being laid out, roads graded and trees and shrubbery moved in and planted.

Camp NP-3, Middle Prong, Tennessee:

In addition to maintaining the entrance road to camp, the road is being extended up Lynncamp Prong. Two trail crews are operating and a large number of the personnel is engaged in the removal of dead chestnut and slash resulting from lumbering. Men from the camp also are erecting the fire towers on Blanket Mountain and have the project completed, except the roof on the observation cab.

Camps NP-4 & NP-14, Smokemont, North Carolina:

Personnel from these camps are continuing on highway landscaping, road and trail construction, removal of fire hazards, and planting and construction on the Smokemont Camp Grounds.

The motor road up Bradley Fork has been extended up Toywa Creek with a branch up Chastsen Fork.

The Hughes Trail is built up to the Gap north of Becks Bald.

Another trail extends from the mouth of Bradley Fork up the west flank of Richland Mountain to the crest thereof and along the top for approximately one and a half miles. From the Gap, where this trail "tops out", fire trails have been built down both sides, one reaching the Bradley Fork about the mouth of Chastsen Creek, the other reaching the Oconaluftee River near the mouth of Collins Creek. Another trail extends up Collins Creek intersecting the Newtons Bald trail, built last year. On Mingus Creek, prior to the establishment of NP-15, a trail was constructed to Newtons Bald from the south.

The Smokemont Camp Ground is being staked out, roads constructed and trees and shrubbery moved in and planted.

Camp NP-5, Kephart Prong, North Carolina:

Highway landscaping, truck and horse trails construction are under way from this camp.

The highway work includes the removal of dead timber from the slopes. This

work is being facilitated by the use of a tractor with single drum hoist.

The extension of the Richland Mountain Trail and intersecting fire trails, and the removal of fire hazards also constitute part of the work.

Camp NP-6, Cosby, Tennessee:

Personnel from this camp is continuing mostly on removal of dead chestnut. In addition, the entrance road from Tennessee Highway No. 75 requires maintenance and trails are under construction.

The social and recreational details of this camp apparently are also receiving attention as is evidenced by a letter from Superintendent Castle who reports a number of boxing bouts, dances, etc.

An excerpt from Superintendent Castle's report is as follows:

"The evening of December 21st. marked the departure of a hundred and forty men going on Christmas leave. Thursday, December 28th. the remaining men who had chosen the New Year leave began their homeward journeys. The camp now has at its disposal two pool tables secured through the efforts of Captain Chapin, welfare officer. These tables are always crowded with players and observers."

Camp NP-7, Big Creek, North Carolina:

Part of the men from this camp are engaged in maintaining and improving the road built up Big Creek last summer. It is hoped to place a large spur camp at Walnut Bottoms in the spring and an effort is being made to have the road in shape.

The tower on Mt. Sterling is being erected from this camp; one crew is building a trail to Low Gap; another is working on the State Line Trail.

Delay in receipt of ventilators has held up tower completion, but the ventilators are now on hand and the tower will be finished in a few days.

With the completion of the Low Gap trail, this crew will continue eastward on the State Line location, and it is planned to start another crew in the vicinity of White Rock.

Camp NP-8, Greenbrier, Tennessee:

At this camp is another fire tower project, the one on Pinnacle Mountain. This too is nearing completion.

A portable crusher has been operating and the road from Pittman Center to the camp site is covered with crushed rock, and a stock pile is being prepared for patching purposes.

A timber bridge across the left Fork has been completed and a motorway is

under construction up the Left Fork. This latter consists mostly of improvement of an old road and it is hoped to provide means for haulage to the mouth of Ramsey Prong.

Camp NP-9, Forney Creek, North Carolina:

Excerpts from a letter from Superintendent Greear are as follows:

"Weather conditions have been unusually favorable for the winter season and no time has been lost during the month on account of inclemant weather. The general health of the men has been good. There have been some colds and sore throats due, I think, to warm weather.

"I don't believe any have quit camp on account of weather conditions or from being uncomfortable in their quarters or from working conditions on the project. Some few have been discharged by the Camp Commander, principally because they had left camp and not returned.

"Since the weather has been favorable, I have continued the spur camp which is engaged in building a trail from the top of High Rock peak down the mountain to a lower elevation on Bear Creek, where they are protected and the men seem contented and have all requested that they be permitted to maintain the side camp. The trail and road work is making splendid headway.

"I am concentrating the work into the sheltered valleys for the winter."

Camp NP-11, Cades Cove, Tennessee:

Road crews from this camp are continuing on the improvement of the "Old Cooper" Road, the Rabbit Creek Road and the road leading east through the Cove towards Laurel Creek.

The receipt of a crusher will greatly facilitate operations, as the condition of the roads in this section makes it difficult to go in any direction from the camp except towards Townsend.

A crew is also working on this entrance road improving surface and drainage.

Camp NP-12, Elkmont, Tennessee:

Removal of dead timber has constituted the major work from this camp.

In addition, however, road crews have been engaged on the Jakes Creek Road and on the road up Little River. Both these projects serve large cut over territories and afford access for fire fighting organizations.

Camp NP-13, County Line, Tennessee:

As in the territory of Camp NP-6, a large part of the work from NP-13

consists of the removal of fire hazards.

In addition to this, men from the camp are working on the improvement of an old road up a fork of the Indian Camp Creek and on a trail to Maddron Bald. Other trails are being located and the lower ends will be started in the near future.

Camp Np-15, Mingus Creek, North Carolina:

Personnel from this camp is engaged almost entirely on the landscaping of the recently completed Bureau of Public Roads project from Towstring to Boundary Tree. This work consists of sloping banks, replacing topsoil, and moving and planting trees and shrubbery.

Some difficulty has been experienced in constructing the entrance road to camp as the old road is close to Mingus Creek and it is not desired to relocate it at the present time.

Camp NP-16, Deep Creek, North Carolina:

Road, trail and cleanup crews have been operating from this camp.

Trail crews are operating on projects close to the camp and others of the camp are cleaning up along Deep Creek.

General:

It seems that the recreational and educational and social activities are receiving adequate attention and the men appear satisfied and anxious to remain in the camps.

Park Naturalist, G. C. Ruhle, Glacier National Park, reported the first of the month and is developing an educational program with lantern slides and motion pictures. The Army and Park supervising personnel are also cooperating in conducting classes for those interested in forestry, engineering, etc.

The new camps have been seriously handicapped by lack of transportation, but have been working close to camp and staggering working hours. As the distances from camp increase, this becomes more difficult and it is hoped the anticipated additional trucks will arrive soon.

J. H. Riddle, Park Engineer, ECW, has been supervising the erection of the fire towers on Pinnacle Mountain and Mt. Sterling, and making a survey for the improvement and extension of the old road from Greenbrier up the left Fork. It is hoped that this can be continued to the mouth of Ramsey Prong.

Office Engineer Spiller has been working on estimates of lumber for ECW garages, tool houses, etc., tracings and reports.

020 General weather conditions

Reports of observers at Elkmont and Smokemont, points in the Tennessee and North Carolina sections of the park respectively, follow:

	Elkmont		Smokemont	
Mean maximum	59		59	
Mean minimum	36		33	
Maximum	71	Dec. 6	69	Dec. 2
Minimum	12	" 27	16	" 10
Greatest daily range	35	" 29	41	" 8
No. days clear	6		10	
No. days cloudy	16		1	
No. days partly cloudy	9		20	

Precipitation:

Total	6.16"		3.20"	
No. rainy days, (.01" or more)	8		12	
Greatest rain in 24 hrs.	2.10"	Dec. 6	.56"	Dec. 4.

100 Administrative

130 Finance and accounts

	Allotment	Expended and Obligated	Unexpended Balance
42/3405	282.82	282.82	.00
42/3406	10,600.00	9,960.87	639.13
42/3420	23,900.00	22,043.21	1,856.79
43/4406	229.50	229.50	.00
44406.3	6,870.50	1,892.20	4,978.30
44420	972.71	972.71	.00
44420.3	15,100.00	5,591.17*	9,508.83
43436.1	32,592.70	32,592.70	.00
43436.3	37.29	37.29	.00
4-03/5640.8	1,905,385.00	79,723.15	1,825,661.81
4-03/5640.14	72,000.00	1.40	71,998.60
4x436	47,730.60	47,730.60	.00
4x436.3	48,969.40	31,498.91	17,470.49

* $27.25 of this amount reimbursable.

140 Labor situation

Approximately 275 men were employed on CWA projects in the park during the month.

200 Maintenance, Improvements and New Construction

230 New construction

Work on the two Public Works projects in the park consists of the improvement of the old railroad grade up Twentymile Creek in North Carolina, and the building of horse trails on Anthonys Creek, in Cades Cove, Tennessee.

On Twentymile Creek, forty two men are employed. These are living in tents and conducting their own mess. An inspection on December 29 disclosed that Foreman Thomas is doing nice work. Assistant Landscape Architect, Frost, (ECW detached) was very much pleased with the results obtained. On the last of the month, 2800 feet had been completed with approximately three quarters of a mile partially completed. Costs are as follows:

Personal services - - - -	$1,515.36
Supplies & materials - -	101.21
Total - - - - - - -	$1,616.57

In Cades Cove a small crew under Foreman Wear is building trails. A report on December 30 indicates that 10,000 feet of trail has been completed with a crew varying from 17 to 27 men. Expenditures to date on the projects are:

Personal services - - - - -	$886.70
Supplies & materials - - -	40.07
Total - - - - - - -	$926.77

On Civil Works, all but one of the projects were started during December. The organizations are composed of the same number of men, viz. 63 laborers and seven supervisors and mechanics with the exception of Wykles Fork project in North Carolina. At this point 90 laborers and seven supervisors and mechanics are employed. The Deals Gap project did not get fully started until January 2.

The following is an outline of CWA activities as of December 31:

Deals Gap: Not started.

Laurel Creek: Started December 27 on trail building and old road improvement. Assistant Landscape Architect Leemon reports fine results being accomplished. Tool house and shop also in process of construction.

Fighting Creek: Started on December 27, with crew of 16 men building trail from proposed Administrative Headquarters to Cove Mountain. Also tool house and shop.

White Rock: Started on December 22. Improvement and landscaping of State Highway between Cosby, Tennessee and State line. Built tool house and shop.

Wykles Fork: Started on December 26, with small crew building tool house and shop. Failure of sufficient tools to arrive has delayed the start of the work until this time, but it is anticipated that on January 2, all crews will be fully organized.

T. L. Stallings, Park Engineer, BCW, has been engaged in location work on Twentymile Creek and on Indian Creek. Topography was taken on Indian Creek and submitted to Assistant Landscape Architect Ludgate for approval.

The following excerpts were taken from the monthly report of Colonel W. I. Lee, Resident Engineer, U. S. Bureau of Public Roads:

The engineering and construction work in progress during the month of December was on the following routes and projects:

Route1A: Extends from the Park limits near Gatlinburg, Tennessee to the North Carolina State line at Newfound Gap.

Route 2: Extends from Newfound Gap along the main Smoky Mountain ridge to Deals Gap.

Route 3: Extends from the junction with Route 1A near the mouth of Fighting Creek to the Park boundary near Chilhowee Mountain.

Route 1B: Extends from the Tennessee-North Carolina State line at Newfound Gap to the Cherokee or Qualla Indian Reservation.

Route 11: Extends from the Park boundary line on Deep Creek about 2-1/2 miles from Bryson City, North Carolina thence up the valley of Deep Creek to the Bryson Place.

Progress on Route 1A

A portion of this route, from station 0 + 00 at Newfound Gap to station 11 + 75 towards Gatlinburg, was included in the contract for the construction of project 2A-1, awarded the Arundel Corporation. Progress on this section is reported under route 2A for convenience.

Section 1, station 11 + 75 to station 235 + 03.89, length 5.17 miles: The plans and estimate for this section, with the exception of four major structures, have been completed. The center line has been referenced from station 11 + 75 to station 152 + 00. Slope stakes have been set from station 11 + 75 to station 75 + 00 and from station ~~147~~ 99 + 00 to station 147 +00.

Description: 30 feet graded road bed; 20 feet by 6 inches crushed stone traffic-bound surfacing.

Construction: This section is under construction by day labor forces. The

quality of the work is satisfactory. Progress has been somewhat impeded due to the necessity of maintaining traffic over the existing highway. Drilling is being done by the use of wagon drills and jackhammers. Short haule of excavated material are being made with dump carts of 1/2 cu. yd. capacity, drawn by mules. They are loaded by hand. The tunnel is being constructed by driving two parallel headings, starting at the north portal and proceeding upgrade.

The field testing of all materials is made on delivery. When deemed advisable an inspection of the source of supplies is made. Routine construction inspection continues at all times in contact with the operation. No additional equipment was received on the project this month.

Section 2, station 285 + 03.89 to station 506 + 49.35, length 4.19 miles: A preliminary survey has been made of this section. The center line has been staked, however, this section includes the alternate "loop" or "two switchback" designs which has not yet been definitely decided upon. Preliminary cross-sections have been completed over both of these routes to aid in reaching a decision as to which is most desirable.

Section 3, station 0 + 00 to station 59 + 02, length 1.12 miles: Station 0 + 00 is equivalent to station 506 + 49.35 of section 2. The plans and estimate for this section have been completed. The entire center line has been referenced and all slope stakes have been set.

Description: 30 feet graded road-bed; 20 feet by 6 inches crushed stone traffic-bound surfacing.

Construction: This section is under construction by day labor forces. The quality of the work is satisfactory. Progress was slow the first half of the month due to inadequate hauling equipment, but this seems to have been rectified by the substitution of three 3-1/2 ton trucks for the smaller ones. Drilling is being done by jackhammers. A power shovel is being used for the excavation and hauling is being done by trucks.

The field testing of all materials is made on delivery. When deemed advisable an inspection of the sources of supplies is made. Routine construction inspection continues at all times in contact with the operations.

Three 3-1/2 ton trucks were received on the project this month.

Section 4, station 59 + 02 to Park Boundary near Gatlinburg, length approximately 4.0 miles. A preliminary survey has been made of this section and a center line has been projected. The center line has been staked from station 59 + 02 to station 79 + 00.

Progress on Route 2

The entire length of this route from Newfound Gap to Deals Gap is estimated

to be 44 miles. It has been divided into sections A and B. No progress has been made on section B.

Section A1, station 0 + 92, at Newfound Gap, to station 387 + 50, below Clingmans Dome, length 7.66 miles: The plans and estimate for this section have been completed. The center line has been referenced from station 0 + 92 to station 50 + 00. Slope stakes have been set from station 0 + 92 to station 80 + 00.

Description: 30 feet graded road-bed; 20 feet by 6 inches crushed stone traffic-bound surfacing.

Construction: This section is being constructed by the Arundel Corporation of Baltimore, Maryland, under contract. Their contract also includes a section of Route 1A from station 0 + 00, Newfound Gap, to station 11 + 75, toward Gatlinburg, and a section of Route 1B from station 0 + 00, Newfound Gap, to station 6 + 35.25, toward Smokemont. It was necessary to include these two sections in this contract so as to have the entire Newfound Gap parking area constructed by one organization.

The quality of the work is satisfactory. The progress is satisfactory. Activities were concentrated on the Newfound Gap parking area, the pioneer road, and clearing between slope stakes.

The pioneer road was opened to station 29 + 75 by a Lorraine Deisel 1-1/2 cu. yd. shovel.

Excavation at the Newfound Gap parking area is being done with a Marion 2 cu. yd. shovel. Stone satisfactory for masonry and concrete aggregate is being obtained here. 175 linear feet of the large retaining wall on the North Carolina side of the parking area has been in place a sufficient length of time to permit depositing fill behind it. When possible the full width of grade is obtained and then the dumping is carried on in a direction parallel to the line of the wall, thus eliminating as far as possible any direct impact of fill material with the wall.

At his own request, the contractor was permitted to substitute "Class B" concrete, containing stone "plums" of about one main size, for cement rubble masonry in a portion of the foundation for the wall on the North Carolina side of the Newfound Gap parking area. This concrete will be faced with cement rubble masonry where exposed, and, under the agreement, the mass will be paid for at the contract unit price for cement rubble masonry.

Drilling has been done as far as station 37 + 50, using one wagon drill and one jackhammer.

Due to the unforseen height of the retaining wall on the North Carolina side of the Newfound Gap parking area, caused by the fact that the rock lay at much greater depth below the surface than was originally anticipated, and due to the dip of the strata, Mr. Armstrong made a structural analysis of the wall between stations 2 + 62 and 4 + 12.5 and recommended use of steel anchors for masonry in the foundation.

His recommendation was carried out.

The field testing of all materials is made on delivery. When deemed advisable an inspection of the sources of supplies is made. Routine construction inspection continues at all times in contact with the operations.

In addition to the equipment that was reported for November the following has been received on the work:

2 Tractor wagons	Linn	6 cu. yd.
1 Truck (winch)	Mack	10 ton
1 Truck	Ford	Pickup
2 Concrete mixers	Jaeger	2 bag
1 Concrete mixer	Rex	2 bag
1 Electric generator	Kohler	1500 watts, 110 volts
1 Hoisting engine	Nove	6 H. P.
2 Hoisting engines	Newway	5 H. P.

Progress on Route 3

The total length of the route is estimated to be 45 miles. Section A of this route as outlined in the proposed road system is about 12 miles long.

A part of section A is to be relocated immediately to eliminate dangerous curvature and excessive grades. This relocation begins at the intersection of Route 1A and Route 3 near the mouth of Fighting Creek, thence extends in a westerly direction crossing the ridge at Fighting Creek Gap and descends to an intersection with the present road leading from Elkmont to Maryville, Tennessee near the mouth of Hamel Prong. This section is approximately 4.5 miles long and will be designated as Project 3A1.

Project 3A1: This project is being designed for a 30 feet graded road-bed with a 20 feet by 6 inches crushed stone traffic-bound surfacing. All preliminary surveys were completed and the entire center line was staked. However, an investigation is being made of the possibility of introducing more "maximum grade" into the line and thereby utilizing more of the existing roadbed.

Progress on Route 1B

The total length of this route is estimated to be 14 miles. The State of North Carolina located and constructed from Newfound Gap to a point about one mile south of Smokemont, a distance estimated to be 10 miles. The State of North Carolina located from the end of the above constructed road to the Qualla or Cherokee Indian Reservation line. This latter location was assigned to the U. S. Bureau of Public Roads to construct as Project 1B-1.

Description of project: Length 3.97 miles; 30 feet graded road-bed; 20 feet by 6 inches crushed stone traffic-bound surfacing.

The work on this project has been completed and the final estimate submitted to the Washington Office.

Progress on Route 11

The total length of this route is estimated to be 6.5 miles. It begins near the point where the Park boundary line crosses Deep Creek. From this point up to Bryson Place it follows the Creek.

A preliminary transit line has been run up each side of the Creek and levels were taken over these lines. Topography is now being taken and plotted.

Apparently the drainage structures will be the majro problem on this location as the valley is narrow and the Creek meanders from one side to the other, passing close to bluffs first on one side of the valley, then on the other.

240 Improvement of approaches to park

The month of December saw the windup of placing of crushed rock on North Carolina State highway No. 112 from North Carolina highway No. 10 to Cherokee, and State highway No. 293 from Dellwood, North Carolina to Soco Gap.

260 Landscape Work

Following is a summary by Assistant Landscape Architect Ludgate of Landscape activities in the Park for the month:

Assistant Landscape Architect Ludgate spent the month in varied activities. Consultations with Engineer White and Superintendent Eakin in lining up the new Civil Works program, and on ECW details in connection with the programming of the work, general inspection of various ECW and Civil Work projects in the field, inspection of the several Public Works projects from time to time and inspection of all drafting room work, more than fully occupied his time during the month. Eleven plans were completed in the drafting room, and work commenced on the Master Plan for the Park.

Junior Landscape Architect Bird continued to supervise the landscape details in connection with all Bureau of Public Roads work, making regular inspections of the Skyway and the Newfound Gap projects together with reports on the surveys of the Deep Creek and the Fighting Creek Gap projects. Acting on the suggestion of the Branch of Plans and Design, the Bureau made a change in the Fighting Creek Gap relocation which will result in considerable improvement.

Assistant Landscape Architect Wilhelm has been assisting the various Superintendents of ECW camps in lining up their work and instructing them in various construction details. In this work he has been assisted by Junior Landscape Architects Frost and Leemon. The results of these various inspections are shown in the more finished road and trail work being turned out from the camps.

400 Flora, fauna, and natural phenomena

410 Ranger service

Assistant Chief Ranger Dunn's time during the month was spent in inspection of telephone line locations, fire tower construction, trail locations in the CWA and PWA projects, and the selection of men for the CWA projects in the park.

Assistant Chief Ranger Needham, and Park Ranger Wogensen, spent their time receiving, checking and distributing new equipment and tools for the new CCC camps on the North Carolina side of the park, supervising ECW construction, leasing matters, etc. A telephone switchboard was also installed by Ranger Wogensen in the fire guard's residence at Smokemont. This enables connecting the Newfound Gap grounded line and the Barnett Knob grounded line through a repeating coil at Smokemont onto the metallic line going to Bryson City, North Carolina. The grounded lines remain disconnected from the metallic line except when communication connection is desired, thus placing no extra load on the main line and still enable communication when desired.

Assistant Chief Ranger Needham spent Christmas day with his folks in New York State, taking annual leave just before Christmas and arriving back for duty immediately thereafter.

Naturalist Service: This item appears for the first time in our monthly report owing to detail of Dr. G. C. Ruhle, Park Naturalist, Glacier National Park, to this park for three months to organize and conduct educational programs for our 15 ECW camps. For the month of December he makes the following report:

"I arrived in Gatlinburg from Washington on December 3, having visited, in accordance with verbal instructions from the Director, Wakefield, Yorktown, Williamsburg, Jamestown, Appomatox and the southern Shenandoah region. Information regarding the Great Smokies, from Philip Hough, Superintendent at Wakefield, proved very helpful.

"On reaching the park, I travelled in and about it to acquaint myself with the region, and visited the various CCC camps to ascertain what each was doing along educational lines. Several trips were made to Knoxville to enlist the aid of members of the University of Tennessee faculty. An outline of future educational activities in the camps was drawn up and submitted to Washington for comment. It was such that the features could be carried on after my present appointment of three months terminated. It involved the following features: (1) Classes of instruction and with leaders picked form capable volunteers in the camp. (2) Use of volunteer teachers and speakers outside the camp. (3) Teaching of forestry and natural history by park or ECW landscape architects, foresters, etc. (4) Use of visual education. (5) Use of natural history exhibits. Two lectures were given by me in the camps.

Doc misses the fine (?), mild (?), winters of Glacier but nevertheless appears contented with his assignment.

460 Birds

Through the President of the Tennessee Ornithological Society a golden eagle was received on December 23 for liberation in the park. Upon its liberation it could not fly owing to a leg injury. It was placed in a large wire cage and forcibly fed for several days, but now takes its ration of raw meat greedily. Its leg appears to be improving and we hope to liberate it soon.

490 Miscellaneous

Some large specimens of Holly and Mountain Laurel were reported by J. F. Manley, Blister Rust Control Foreman, Detached Service, ECW. His memorandum follows:

"During the course of flagging the Meige Creek Trail from the Sinks to Buck Horn Gap, a number of large Hollys (Ilex Opaca) and Mountain Laurel were seen.

"For your information measurements were taken of four Hollys having circumferences of 45, 57, 58 and 68 inches, two Laurels measured 44 and 51 inches in circumference. The trail passes among these trees and on into large stands of virgin timber, particularly Hemlock and Poplar."

500 Use of Park facilities by the Public

530 Visitors

National Park Service Officers: E. E. Tillett, Chief Accountant, Office of National Parks, Buildings and Reservations, was in the Park December 18-19.

Dr. G. C. Ruhle, Park Naturalist, Glacier National Park, arrived on December 4 for a three months detail. He will organize and supervise educational programe for our 15 CCC camps.

Non Governmental Cooperating Agencies: W. E. Jacobs, Commissioner, Tennessee Department of Labor, was in the Park on December 30 in connection with bringing CCC companies up to strength between January 2 and January 10. He had completed our list of names on December 28. Commissioner Jacobs okayed it.

600 Protection

610 Police protection

Fire Guard, Innis Ownby, destroyed 90 gallons of beer on Dudley Creek,

in the Tennessee section of the park, early in the month.

Fire Guard, Stewart Ramsey, of Cosby, in the Tennessee section of the park, picked up eight steel traps on Greenbrier Forks during the month.

620 Fire protection

We had one fire on the North Carolina side of the park in December. This fire started in Tennessee on private land inside the park on November 29 and burned until the noon of December 1, before it was completely extinguished. Total area burned, 640 acres of which 1 acre burned on park land. The one acre being in North Carolina and the balance being on private land inside the park in Tennessee.

630 Accidents

On December 12, three men were killed and 3 injured in a deplorable accident at Newfound Gap. A crew of 1 foreman and 9 laborers were digging a trench for a toe wall when the slope slid burying 3 men whose bodies were not extricated for 4 hours. The men were employed on Newfound Gap-Clingmans Dome project under contract to the Arundel Corporation of Baltimore, Maryland. The names of those killed and injured follow:

Killed:

Hobart Davis, Foreman, Knoxville, Tennessee.
Edward Smiley, Laborer, Bryson City, North Carolina.
Robert Brooks, Laborer, Bushnell, North Carolina.

Injured:

James Breedlove, Laborer, Almond City, North Carolina.
Grayson Gibson, Laborer, Bryson City, North Carolina.
Jerome Blankenship, Laborer, Bryson City, North Carolina.

None of the above injured were seriously injured.

A CCC boy, Woodrow Boggs, Greensboro, North Carolina, from Camp P-4, Smokemont, North Carolina, was killed on highway No. 112, December 30 when an Army CCC truck in which he was riding side-swiped a parked truck on the highway. Another boy suffered a broken leg in the same accident.

900 Miscellaneous

All permanent employees remained on the job during the Holidays, with the exception of Assistant Landscape Architect Ludgate who was called to Massachusetts. Aside from the fact that there was plenty of work for all the 15 per cent salary cut was also a factor.

Reports of Park revenues, personnel and authorized projects are attached.

Very sincerely yours,

J. R. Eakin,
Superintendent.

Encls.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Great Smoky Mtns. National Park for the Month of December, 1933

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	5	7	7	114
Number of additions	0	64	0	3
Total	5	71	7	117
Number of separations	0	8	0	110
Number of employees close of month	5	63	7	7
Number of promotions during month	0	0	0	0
Aggregate amount of annual leave taken	2	0	28	0
Aggregate amount of sick leave taken	0	0	0	0
Aggregate amount of leave without pay	0	0	0	0

Annual leave taken:

J. T. Needham, Asst. Chief Ranger Dec. 22-26 incl.

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of December, 1933

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Roads & Trails, National Parks,					
LB1 Boundary Tree-Smokemont	$96,700	100%	0	0	Oct. 30, 1933
Roads & Trails, NRA, 1933-35					
Roads					
P142.8 Newf. Gap-Clingmans Dome	692,645	4%	4	0	June 30, 1935
P143.8 Fighting Creek Gap Rd.	226,250	0	0	0	" 30, 1935
P144.8 Bdry. Tree-Towstring	31,755	0	0	0	" 30, 1935
P145.8 Park Bdry-Bryson Place	156,775	0	0	0	" 30, 1935
P148.8 Fighting Cr.Jct-Newf Gap	323,700	0	0	0	" 30, 1935
P148.8 do force account	450,000	15	5	5	" 30, 1935
Trails					
P149 Mt. Mephart-L. dry.	25,900	15	0	5	Sept 30, 1934
P152.8 Equipment	1,350	25	25	0	June 30, 1934
P249A Fire trails, etc.	17,010	10	10	0	Sept.30, 1934
Bldgs. & Reserv., NRA, 1933-35					
P155 Campground Develop.	(N.C.) 12,060	0			Sept.30, 1934
P156 Water System	(N.C.) 11,700	0			" 30, 1934
P157 Sewer System	(N.C.) 12,240	0			" 30, 1934
P158 Campground Develop.	(Tenn) 12,060	0			" 30, 1934
P159 Water System	(Tenn) 11,700	0			" 30, 1934
P160 Sewer System	(Tenn) 12,240	0			" 30, 1934

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Great Smoky Mtns. National Park for the Month of December, 1933

	This Year	Last Year
Park revenue on hand beginning of month.	00	00
Received, ...	189 75	43 00
Total, ...	189 75	43 00
Remitted, ...	189 75	43 00
On hand close of month, ...	00	00

Park revenues received this year to date, ...	4 999 93
Park revenues received last year to date, ...	4 654 90
Increase, ...	345 03
Per cent of increase, ...	7.4%

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Great Smoky Mtns. National Park for the Month of December, 1933

Description of Projects		Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Roads & Trails, National Parks,					
1B1 Boundary Tree-Smokemont	$96,700	100	0	0	Oct. 30, 1933
Roads & Trails, NRA, 1933-35					
Roads					
FP142.8 Newf. Gap-Clingmans Dome	692,645	4	4	0	June 30, 1935
FP143.8 Fighting Creek Gap Rd.	226,250	0	0	0	" 30, 1935
FP144.8 Bdry. Tree-Towstring	31,755	0	0	0	" 30, 1935
FP145.8 Park Bdry-Bryson Place	156,775	0	0	0	" 30, 1935
FP148.8 Fighting Cr.Jct-Newf Gap	323,700	0	0	0	" 30, 1935
FP148.8 do force account	430,000	15	5	5	" 30, 1935
Trails					
FP149 Mt. Cephart-L. Bdry.	25,900	15	0	5	Sept 30, 1934
FP152.8 Equipment	1,350	25	25	0	June 30, 1934
FP249A Fire trails, etc.	17,010	10	10	0	Sept.30, 1934
Bldgs. & Reserv., NRA, 1933-35					
FP155 Campground Develop. (N.C.)	12,060	0			Sept.30, 1934
FP156 Water System (N.C.)	11,700	0			" 30, 1934
FP157 Sewer System (N.C.)	12,240	0			" 30, 1934
FP158 Campground Develop. (Tenn)	12,060	0			" 30, 1934
FP159 Water System (Tenn)	11,700	0			" 30, 1934
FP160 Sewer System (Tenn)	12,240	0			" 30, 1934

10-23
(May 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

G.S.M.
..... NATIONAL PARK

FILE NO. 609-11

Marshall, Arthur L., et ux

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.

All Files should be returned promptly to the File Room.

Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

ARNO B. CAMMERER,
Director.

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